



Harvest of Recipes  
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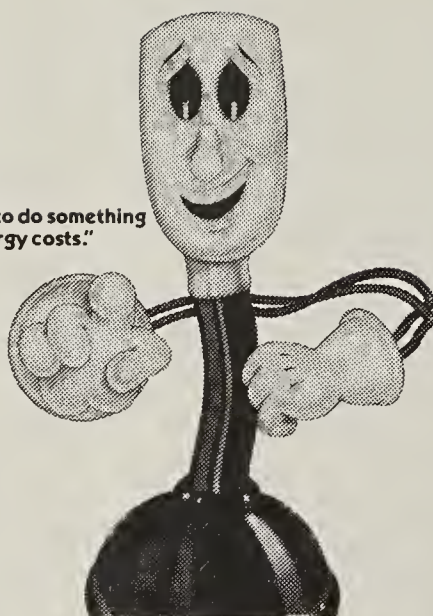
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"This is your chance to do something  
about high energy costs."



# Volunteer To Shave.

## Shave The Peak With A Load Management Switch.

As a member and owner of your Electric Membership Corporation, you are being called upon to help in a statewide program to fight the increasing electric rates by shaving peak demands.

The program is called load management, and it's available to those of you with electric water heating and/or central air conditioning.

### What Is The Peak?

The "peak" is the point when you and your neighbors are collectively making the maximum use of electricity for any given period. By lowering this peak, the EMCs can reduce their power costs and help to hold down future rate increases.

We can do this by installing load management

switches on electric water heaters and central air conditioners in EMC members' homes.

The switches turn off these appliances during peak demand periods. When the switch turns off your water heater, it will be off for up to four hours. With most heaters, this should result in little or no loss of hot water. On air conditioners, there would be only a slight heat rise in the home because the unit's compressor would be turned off for only up to ten minutes out of every half hour. The fan continues to run to keep the house reasonably cool.

We appeal to you to "Volunteer to Shave" the peak. It costs you nothing to participate, and it can save you hundreds of dollars in the future.

If you'd like to volunteer,

just send us this coupon. Or call your EMC for more information.

This is your chance to do something about high energy costs.

I wish to be a load management volunteer and hereby request that my EMC install a demand control device on the following:  
(Place an X in appropriate box.)

☐

Electric Water Heater

☐

Central Air Conditioner

I understand this device will be installed by qualified EMC employees or electricians. Please contact me for an installation appointment.

I am served by the \_\_\_\_\_ EMC.

Name \_\_\_\_\_

Address (Where device will be installed) \_\_\_\_\_

City \_\_\_\_\_

Phone Number \_\_\_\_\_

Best time to call. \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

We're All In This Together.



Clip out and mail to your EMC.

## A Discouraging Anniversary

This editorial appeared in The Charlotte Observer on Oct. 21, 1983.

Answering a question about Iran's threat to close the Persian Gulf shipping lanes, President Reagan said this week that the "free world" wouldn't allow the vital oil lanes to be closed.

But the Western industrial nations would be less threatened by Iran's bluster if they had done more to become energy self-sufficient during the decade since the first Arab oil embargo—10 years ago this week.

That such a question would arise at a presidential news conference during

this anniversary week should remind Americans that the nation must do more to reduce the economy's need for oil from the volatile Mideast.

We've already done well enough to demonstrate that conservation works. Caught between soaring oil prices and a recession, Americans have conserved huge amounts of energy in the last decade: The average home uses 20 percent less energy than a decade ago; despite population growth, total U.S. energy consumption last year was 4.9 percent lower than in 1973; new automobiles go 90 percent farther on a gallon of gas than they did in 1973.

Yet, in releasing its latest National Energy Policy Plan this month, the Reagan administration abandoned the goal of energy independence, saying the United States will rely "to some extent" on Arab oil for at least 20 years. That's a discouraging, if not irresponsible, conclusion.

It is not enough to imply that the United States would go to war to preserve access to Mideast oil. The administration surely understands that, for its new energy plan states that renewable-energy projects and conservation efforts must play an increasingly important role in our long-term energy policy. That signals a very important admission of the inadequacy of the Reagan administration's previous emphasis on conventional energy sources.

But Americans could feel more confident that American men will not someday be fighting in the Mideast to keep Persian Gulf oil lanes open if Mr. Reagan would follow up his energy policy statement with specific programs to point industry and consumers in the right direction. Raising auto fuel-efficiency standards and setting efficiency standards for home appliances would be helpful.

Without specific government actions, Mr. Reagan's new energy policy will remain simply words. And words are not enough in a world still dependent on oil from the Mideast.

—Anonymous

## A Prayer Of Thanksgiving

Even though I clutch my blanket and growl when the alarm rings every morning, thank you, Lord, that I can hear: there are many who are deaf.

Even though I keep my eyes tightly closed against the morning light as long as possible, thank you, Lord, that I can see; there are many who are blind.

Even though I huddle in my bed and put off getting up, thank you, Lord, that I have strength to rise; there are many who are bedfast.

Even though the first hour of my day is hectic—socks are lost, toast is burned, and tempers are short—thank you, Lord, for my family; there are many who are lonely.

Even though our breakfast table never looks like those in the ladies' magazines and the menu is sometimes unbalanced, thank you, Lord, for the food we have; there are those who are hungry.

Even though my job is often monotonous, thank you, Lord, for the opportunity to work; there are many who are out of work.

Even though I grumble from day to day and wish my circumstances were not quite so modest, thank you, Lord, for the gift of life!

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Diane Shell Gilbert

## Carolina Country

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# Power Costs To Rise For 18 EMCs

Eighteen North Carolina Electric Membership Corporations would pay substantially more for the power they buy from Carolina Power and Light Co. under the company's latest rate hike proposal.

The request, which was submitted to the Federal Energy Regulatory Commission Sept. 26, seeks rate adjustments that would boost the cost of power for CP&L-served EMCs by about \$20.8 million a year.

The impact of the higher rates will vary on a percentage basis from one co-op to another, but collectively the EMCs involved could see their rates go up as much as 24 percent.

About \$8.6 million of the increase is to help CP&L finance construction on plants that are still being built, expenses which FERC now allows investor-owned companies to collect from their wholesale customers.

The federal agency's policy on

construction-work-in-progress (CWIP) costs was revised earlier this year to permit the utilities to include part of such costs in their rates. Until the new policy became effective in July, the companies' investments in new plants could be reflected in wholesale rates only after the plants began operating.

The policy change came after the utilities had mounted an extensive campaign at FERC seeking just such a ruling.

Under FERC's new approach, the companies are allowed to charge wholesale customers for 50 percent of CWIP but any given rate hike can include such costs only up to 6 percent of gross revenues.

"You could say this new policy allows the companies to obtain interest-free financing on new plants from their wholesale customers," said Jim Hubbard, executive vice-

president of the EMCs' statewide organization.

"Since the cooperatives are now taking steps to establish their own power supply system, under this CWIP procedure, they and their consumer-members could be forced to help pay for plants that'll never serve them."

He said N.C. EMC, the statewide organization's power supply division has been opposing the new CWIP rule at FERC without success and will now challenge it through the courts.

"The agency did acknowledge that we had a valid point, saying wholesale customers would not have to pay CWIP if they can prove they will never use power from a given plant. We're in no position to do that in their case."

Meanwhile, Tar Heel EMCs and co-ops across the country are supporting legislation in Congress that would establish a firm limit on CWIP in FERC rate cases.

The EMCs are "vigorously opposing" the CP&L rate hike before the FERC, Hubbard said.

"We're asking that these outrageous increases be reduced and that they be suspended for five months—the maximum allowed under the agency's rules."

Under those rules, the new rates will be allowed to take effect after suspension period, subject to later refund if the commission decides the rates are too high.

The CP&L-served EMCs are Brunswick, Shallotte; Carteret, Craven, Morehead City; Central, Sanford; Four County, Burgaw, French Broad, Marshall; Halifax, Enfield; Harkers Island; Haywood, Waynesville; Jones-Onslow, Jacksonville; Lumbee River, Robeson, Springs; Pee Dee, Wadesboro, Piedmont, Hillsborough; Pitt County, Greene, Farmville; Randolph, Asheboro; South River, Durham, Tideland, Pantego; Tri-County, Dudley and Wake, Wake Forest.



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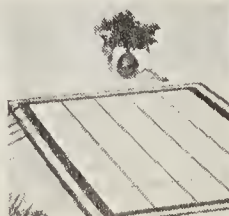
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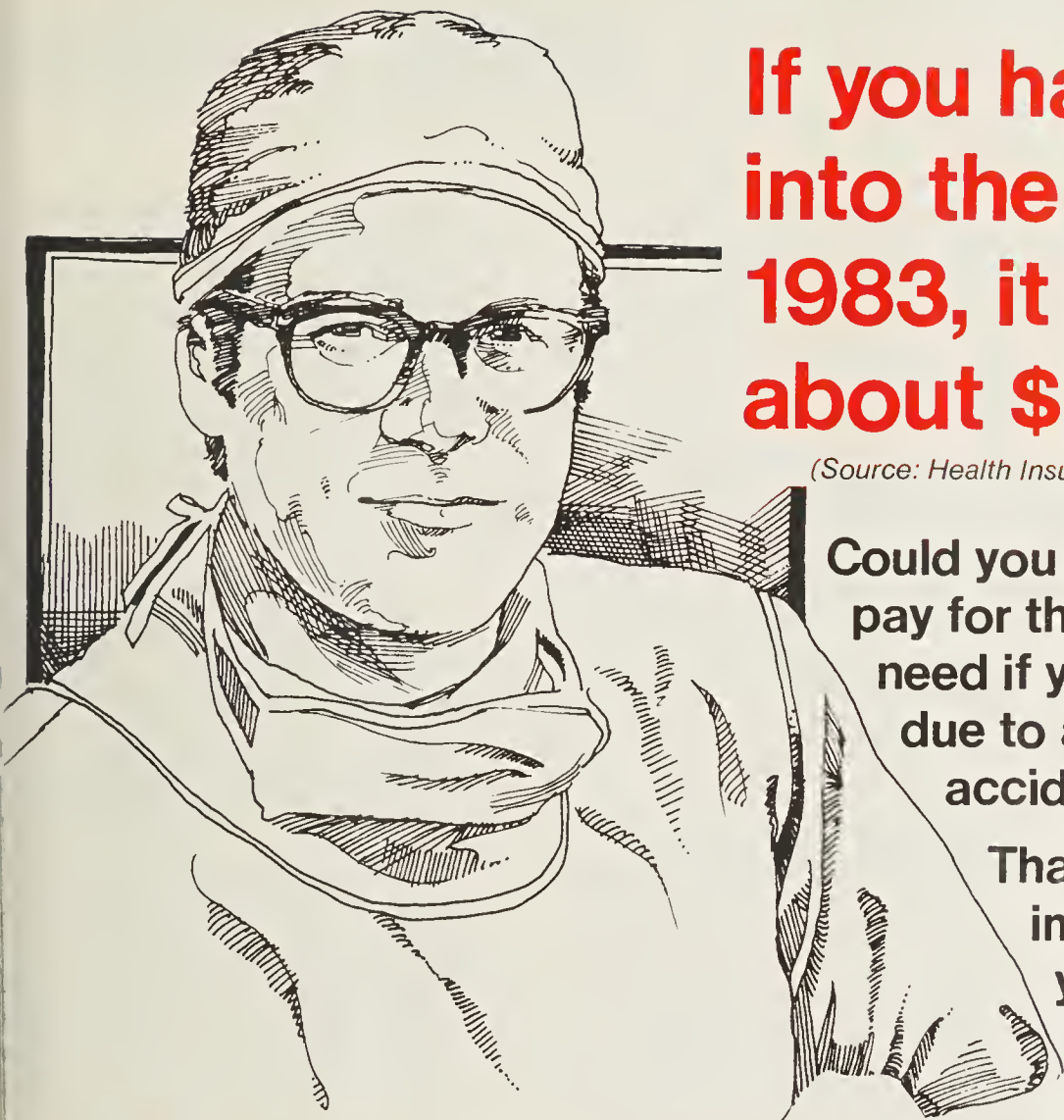
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## Rep. Neal Honored By N.C. Consumers Council

Fifth District Rep. Stephen L. Neal has been named Consumer Advocate of the Year by the North Carolina Consumers Council.

Neal was cited for his efforts on behalf of legislation to find jobs for the unemployed, to prevent energy price-gouging and to assist low-income customers in paying energy bills.

He was also recognized for having the best lifetime consumer voting record of any member of the North Carolina congressional delegation as rated by the Consumer Federation of America.

## Retired School Official Named To N.C. REA Board

Frank M. James of Crumpler, retired superintendent of Ashe County Schools, has been appointed to the board of the North Carolina Rural Electrification Authority by Gov. James B. Hunt Jr.

James is president of Skyline Telephone Membership Corporation and a director and past president of the National Telephone Cooperative Association. He's also a consumer-member of Blue Ridge Electric Membership Corporation, Lenoir.

James succeeds George Huffman of Hildebran in the board post.

## Holiday Programs Set At Gastonia Museum

Special Thanksgiving and Christmas holiday festivities have been scheduled at the Schiele Museum of Natural History in Gastonia as part of its Living History program.

"A Pioneer Thanksgiving" is slated for 1 to 6 p.m. on Nov. 20 to recreate a Thanksgiving as it was celebrated in early North Carolina.

Recipes of the various dishes will be distributed to visitors.

The museum will present a "Colonial Christmas and Candlelighting" on Dec. 18 from 1 to 6 p.m.

This recreation of colonial yuletide celebrations will culminate with a candlelighting service at dusk and a traditional bonfire.

For more information about these events, write or call Kay Moss at Schiele Museum of Natural History, 1500 Garrison Blvd., Gastonia, N.C. 28053. Phone: (704) 864-3962.

## Treated Wood Can Be Poisonous When Burned

If you're tempted to use wood scraps for firewood, make sure the wood hasn't been treated with chemicals to weatherproof it.

That warning comes from wood industry officials in the wake of reports about a rural Wisconsin family that became ill after burning wood that had been pressure-treated with chromate copper arsenate.

Members of the family suffered from nose bleeds, hair loss, bronchitis and pneumonia. Other members blacked out or suffered seizures.

When burned, wood which has been treated with the chemical emits a poisonous gas.

## TV Show Features News Of Business

Daily updates on news of the business world are provided by the "Nightly Business Report," which is carried by public television stations across North Carolina.

The half-hour program features news, analysis and stock quotations.

Noted financial specialists, including Walter Heller, Alan Greenspan, Alfred Kahn, Arthur

Laffer and Lester Thurow, contribute commentaries on a rotating basis.

The award-winning program, which is produced by WPBT, Miami, is aired Monday through Friday by the stations of the Center for Public Broadcasting at 7 p.m. It is also broadcast by WTVI, Channel 42, Charlotte, at 6:30 p.m. and 11 p.m.

## Livestock Hall Of Fame Taps Four

Four North Carolinians were inducted into the N.C. State Fair Livestock Hall of Fame during this year's fair.

They were J. Willie York of Raleigh; Art Pitzer, former fair manager; Ociadelle Barber of Johnston County and the late Grady Braxton.

York was honored for his 25

## Cover: Breads From Tar Heel Cookbook

These beautiful breads were made from recipes in the cookbook, *A Taste of History*, which was put together by the North Carolina Museum of History Associates as a fund-raising project.

The cookbook is one of five recently-published North Carolina recipe collections that are profiled in a special feature starting on Page 9.

Raleigh photographer Bill Touchberry took this and several other photos which illustrate *A Taste of History*.

Recipes for two of the breads shown are reproduced in the special section. They are the almond-covered Holiday Cardamom Bread, which is at the right on the antique dough bin, and the Cheese Pinwheel Bread, which is the round loaf at top center in the basket.



# HERE / EVERYWHERE / HERE / THERE

years of contributions to the state's horse industry; Pitzer, for his support of the livestock industry during his 19 years with the fair; Mrs. Barber, for her service to the swine industry and Braxton, for establishing a an outstanding winning tradition in dairy competitions at the fair.

## Directors Elected At EMC Annual Meetings

Thirty-six incumbent directors are now serving new terms on the boards of nine North Carolina Electric Membership Corporations as a result of decisions made at recent co-op annual meetings:

- **Brunswick EMC, Shallotte**—Incumbents re-elected were W. D. Frink of Rt. 1, Ash; Frederick Tedder of Rt. 1, Hallsboro and Kenneth Bellamy of Southport. Elected for the first time was Robert G. Ward of Winnabow and Edgar P. Duncan of Rt. 3, Tabor City.

- **Lumbee River EMC, Red Springs**—Incumbents re-elected were Timothy Strickland of Rt. 3, Maxton; Gus Bullard of Rt. 2, Maxton and J. W. Hunt of Rt. 1, Fairmont. Elected for the first time was James Hardin of Fayetteville.

- **Crescent EMC, Statesville**—Incumbents re-elected were J. Sidney Burris of Rt. 2, Huntersville; R. L. Seaford of Rt. 1, Mocksville; Eugene Dellinger of Rt. 3, Denver and Shirley Johnson of Rt. 14, Statesville.

- **Cape Hatteras EMC, Currituck**—Incumbents re-elected were Herbert L. Oden of Hatteras; Asa Gray Jr. of Waves and Herbert Midgett of Rodanthe.

- **Four County EMC, Burgaw**—Incumbents re-elected were J. J. Malpass of Rt. 2, Burgaw; William A. Settlemyer of Rt. 1,iegelwood and James Hollingsworth of Rt. 1, Willard. nwood Royal Jr. of White Oak, no had been appointed to the seat

left vacant by the resignation of C. T. Cain of Rt. 1, White Oak, was elected to his first full term.

- **Union EMC, Monroe**—All members of the board were appointed to serve one-year terms when the meeting failed to achieve a quorum. Members of the board are Bruce Thompson of Charlotte, president; Boyd C. Haigler of Rt. 3, Monroe, vice-president; J. Grant Duncan Jr. of Rt. 1, Indian Trail, secretary-treasurer; William R. Wilson of Rt. 1, Richfield; B. L. Starnes of Rt. 1, Waxhaw; J. Ray Efird of Rt. 4, Albemarle; Thurman Harwood of Rt. 1, New London; Rufus N. Reid of Concord; Vann W. Hilton of Rt. 1, Marshville and Ralph E. Johnson of Charlotte.

- **Central EMC, Sanford**—

Incumbents re-elected were L. Frank Comer Jr. of Rt. 2, Sanford and James B. Brooks of Rt. 2, Siler City. Elected for the first time was Edith C. Cox of Rt. 2, Cameron, who assumed the seat left vacant by the resignation of H. L. West of Rt. 3, Cameron.

- **Albemarle EMC, Hertford**—Incumbents re-elected were W. Earl Meiggs of Camden; Joseph A. Byrum of Tyner and Floyd Matthews of Rt. 4, Hertford.

- **Surry-Yadkin EMC, Dobson**—Incumbents re-elected were Bobby S. Adams of Rt. 1, Elkin; J. C. Brooks of Rt. 1, Yadkinville; Ralph Beane of Rt. 1, State Road and J. O. Gentry of Rt. 1, Roaring River.

*Continued on page 8*

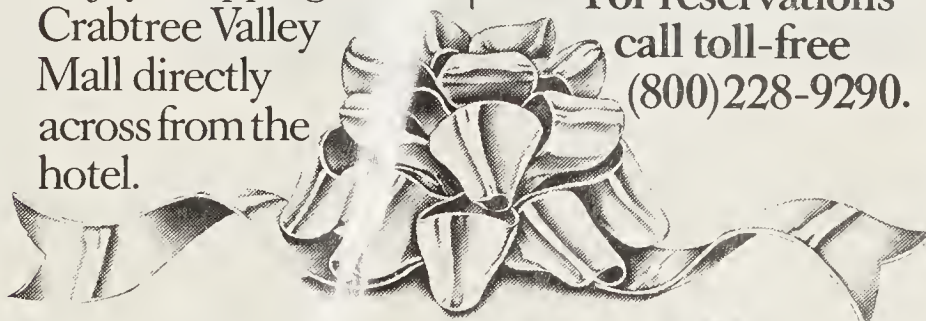
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## Extension Agents Get National Recognition

Six North Carolina extension agents have won national awards for their educational programs for farmers and rural people.

The National Association of County Agricultural Agents presented Distinguished Service Awards to David E. Terrell, Mitchell County extension chairman; Kenneth Patterson, Alexander County agricultural agent; John Crawford, Guilford County extension chairman; S. D. Little Sr., Person County agricultural agent; Chester Stocks, Lenoir County agricultural agent and Gordon Sawyer, Camden County extension chairman.

Terrell was cited for his work with tomato, apple and Christmas tree producers. He has also organized nine 4-H clubs and helped 4,000 families secure telephones.

Crawford was recognized for his leadership of the largest county extension staff in the state. On three occasions in recent years, the staff was judged to have the best overall extension educational program in the district.

Patterson was honored for his educational program for tobacco growers. He also has gained a reputation for his work with dairymen and producers of field crops other than tobacco.

Little's award was based on his successful work in community and

rural development, which has featured such things as homegrounds improvements and junk car removal. He has also promoted production of strawberries and blueberries to provide extra money for limited resource families.

Stocks was cited for his work on behalf of a farmers' market and for on-farm tests of sweet potatoes, grapes and cucumbers.

Sawyer was honored for his leadership in a land drainage project involving 18,500 acres. He has helped to establish a Young Farmers club and a strong integrated pest management program for Camden County.



**CO-OPS SUPPORT BURN CENTER**—Jim Hubbard, executive vice president of the North Carolina Association of Electric Cooperatives, right, presents a check for \$8,300 to Dr. H. D. Peterson, director of the N.C. Jaycees Burn Center at N.C. Memorial Hospital in Chapel Hill. The check is the first installment on the co-op organization's \$25,000 pledge to the burn center. The funds will become part of the center's endowment fund to support patient care, research and educational activities at the center.

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# A Harvest Of Recipes



Dianne Shell Gilbert

As the holiday season approaches, most good cooks are already making plans for some of the special dishes that'll be part of this year's Thanksgiving and Christmas festivities.

With this feature, *Carolina Country* offers those cooks a bit of a helping hand in planning their menus.

It includes a variety of recipes ranging from special-occasion-only attractions to simple dishes perfect for family-only suppers.

All of them were selected from five recently-published North Carolina cookbooks, each of which is briefly profiled.

Enjoy!

## North Carolina's Historic Restaurants



*North Carolina's Historic Restaurants and Their Recipes* by Dawn O'Brien features profiles of 45 restaurants across the state and 150 of their recipes.

The author, a graduate of UNC-Chapel Hill with a master's degree from Wake Forest University, researched the book by visiting each restaurant, talking with their owners and chefs.

A free-lance writer with experience in television

production, she came to the project with a lifelong interest in various kinds of food and cooking.

As part of a Navy family, she said she lived all over the country and as a result, developed "a taste for different kinds of food and different styles of cooking."

The restaurants selected for portraits in the book were drawn from a long list she compiled from officials with the state travel and tourism division and the archives and history division.

She wrote to each one, asking for permission to feature them in the book, and visited those which responded.

She's now working on a similar book featuring Virginia restaurants.

The North Carolina book, which was published by John F. Blair, publisher, is available at bookshops and other stores.

The hardback book may be ordered by sending \$10.95 plus \$1.50 for mailing and handling to John Blair, Publisher, 1406 Plaza Drive, SW, Winston-Salem, N.C. 27103.



O'Neill's  
of Charlotte

### Vegetable Munch

1 bunch broccoli, chopped  
1 head cauliflower, chopped  
6 carrots, sliced thin  
3 celery stalks, sliced thin  
10 spring onions, diced  
2 cucumbers, peeled and chopped  
1 cup vegetable oil  
3/4 cup clear cider vinegar  
1 tablespoon white sugar  
1 tablespoon dill weed

1 tablespoon monosodium glutamate  
1 teaspoon salt  
1 teaspoon pepper  
1 teaspoon garlic salt

After chopping and dicing vegetables to desired sizes, place them together in a bowl. Combine seasonings, oil, vinegar, and sugar, and pour over vegetables. Cover and marinate in refrigerator until cold. Serves 8 to 12.





Deerpark of Asheville

### Baked Apples

6 to 8 apples, winesap or rome  
honey  
1/2 cup raisins  
1 cup sliced almonds  
pinch of nutmeg  
pinch of cinnamon

Halve and core apples. Mix honey, raisins, almonds, nutmeg, and cinnamon. Fill each apple half with mixture and place in a greased flat baking dish. Bake at 350 degrees for 12 to 15 minutes. Serves 10 to 12.

### The Fearington House's Bourbon Pecan Pie

#### Pastry:

1 cup plus tablespoons all-purpose  
flour  
pinch of salt  
1/2 stick butter  
2 tablespoons vegetable shortening  
1/4 cup cold water

#### Filling:

3 eggs  
1/2 teaspoon salt  
1 cup light Karo syrup  
1 cup sugar  
1 tablespoon bourbon  
1 cup chopped pecan pieces

For the pastry, add the shortening and butter to the flour and salt, and work the mixture with fingertips until it resembles corn flakes. Blend in the water until all the ingredients can be worked into a ball. Chill. Roll out dough and fit into a 9-inch pie pan.

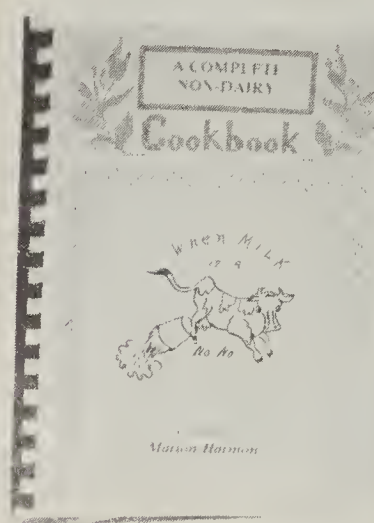
Fill with pie weights or dry beans to keep the sides from collapsing, and bake at 425 degrees for 5 minutes. Remove from oven and lower temperature to 350 degrees.

Mix all ingredients for filling and pour into the shell. Bake for 45 to 60 minutes or until the pie is firm to the touch.

Serve with freshly whipped cream or homemade vanilla ice cream. Serves six.



The Fearington House  
of Chapel Hill



## When Milk Is A No-No

*When Milk Is A No-No, A Complete Non-Dairy Cookbook* was compiled by Marion A. Harmon of Rt. 1, Marion, as an outgrowth of her own vain efforts to find a cookbook of this kind.

At the age of 35, she developed a severe intolerance to lactose. After taking milk all her life, she suddenly found that it "just wouldn't digest, building a toxic condition in my body."

Once the condition was finally diagnosed, she knew she had to avoid dairy products completely—but finding recipes to accommodate that proved to be a problem.

"Very seldom can a recipe be found without milk," Mrs. Harmon said. "I just couldn't find a cookbook that had more than a couple of recipes that I could use. Mother of necessity prevailed—I tried, substituted, experimented and finally came up with 345 recipes."

Those recipes are now in her cookbook, which she spent about a year putting together.

Her top priority in selecting the recipes, was, of course, avoiding dairy products. But she also wanted to offer selections that would appeal to folks who have no lactose intolerance.

She has a son and granddaughter who also have the problem, but her husband doesn't.

The Harmons, who are consumer-members of Rutherford Electric Membership Corporation, Forest City, moved to North Carolina from Maine in 1976.

Mrs. Harmon said the cookbook gives special emphasis to non-dairy "treats for children."

"When children ask for ice cream, you can substitute sherbet."

Her 115-page softcover cookbook is priced at \$6.98 plus \$1 for postage and shipping. Write to her for copies at Rt. 1, Box 148, Marion, N.C. 28752.



## Gingerbread Waffles

1/4 cup shortening  
1/4 cup sugar  
1 beaten egg  
1/2 cup molasses  
1 1/4 cup all-purpose flour  
1/4 tsp. salt  
3/4 tsp. baking soda  
1/4 tsp. ginger  
1/4 tsp. cinnamon  
1/8 tsp. cloves  
1/2 cup hot water

Cream shortening and sugar until smooth; add egg and molasses and beat thoroughly; add sifted flour with salt, soda and spices and mix until smooth. Stir in hot water, a little at a time. Bake on ungreased waffle iron, set on medium. Serve immediately or freeze and pop in the toaster when desired. Serve with non-dairy topping for dessert.

## Beef Burgundy

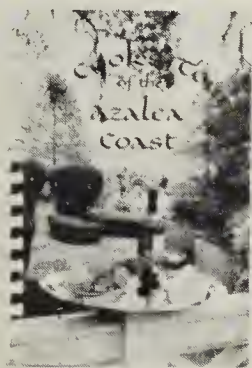
1 1/2 lb. beef chuck, cut into 1 inch pieces  
1/2 cup burgundy or other red wine  
1 (10 1/2 oz.) can beef consomme  
1 medium onion, diced  
1/8 tsp. pepper  
1 small can mushrooms  
1/4 cup all-purpose flour  
1/4 cup fine dry bread crumbs

Combine beef, wine, consomme, onions, salt, pepper and mushrooms in casserole. Mix sifted flour and bread crumbs. Stir into beef mixture. Cover casserole tightly. Bake for three hours or until done, at 300 degrees. Serve hot over noodles.

## Lemon Or Lime Sherbet

3 cups water  
1 1/2 cup sugar  
1 tsp. unflavored gelatin  
1/2 cup lemon or lime juice (about 4 large lemons or limes)  
Pinch of salt  
Green food coloring if desired  
1 egg white

Combine water, sugar and gelatin in heavy saucepan. Bring to a boil, stirring constantly and boil 5 minutes. Chill. Combine lemon or lime juice with salt and food coloring and stir into mixture. Pour into trays and freeze until mushy. Remove from refrigerator and pour into chilled bowl and beat with whisk until fairly smooth. Add egg white, which has been beaten until it holds a soft peak. Freeze until firm.



## A Cook's Tour Of The Azalea Coast

More than 15,000 copies of *A Cook's Tour of the Azalea Coast* have been sold since the cookbook was published in April, 1982, by the Auxiliary of the Medical Society of New Hanover, Pender and Brunswick Counties.

Now in its third printing, the cookbook was honored last spring with a nomination for a national R.T. French Co. Tastemaster Award, which recognizes cookbooks from across the country.

The auxiliary was the only volunteer organization nominated for honors in the competition this year, according to Leslie B. Moore, an official for the auxiliary.

"The cookbook contains over 400 tested recipes separated into eleven sections, from appetizers to desserts, featuring an outstanding seafood section and a health-conscious special diet section," Mrs. Moore said.

"Contributors include local physician families, area restaurants, musicians (Roman Gabriel, Charlie Daniels) and Azalea Festival celebrities (including Nancy Reagan, Bob Hope and Minnie Pearl.)"

Proceeds from the sale of the book support community health-related projects in the three counties, such as nursing scholarships, the hospice organization and health education programs, she said.

The 254-page softcover cookbook is available at various bookstores and gift shops in the southeastern area of the state. For mail orders, send \$10.86, including tax, postage and handling, to P.O. Box 5303, Wilmington, N.C. 28403.

## Aunt Dessie's Lemon Pie

3 egg yolks  
1 cup sugar  
5 tablespoons cornstarch  
juice of 3 lemons  
2 cups water, boiling  
1/4 teaspoon salt  
2 tablespoons butter  
1 (9-inch) pie shell, baked  
3 egg whites  
6 tablespoons sugar

Preheat oven to 400 degrees. In top of double boiler, beat egg yolks. Combine one cup sugar and cornstarch. Add to egg yolks. Gradually add lemon juice, water, and salt. Cook until thick, stirring occasionally. Remove from heat and add butter. Pour cooled filling into cooled pie shell. Beat egg whites. Add 6 tablespoons sugar to egg whites and beat until stiff. Put on top of filling. Bake until brown. Yield: Six servings.

*This recipe was contributed to the cookbook by country music artist Charlie Daniels, who is a Wilmington native.*

Continued On Page 12

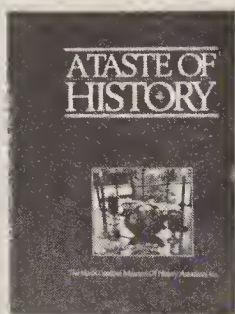


## Masonboro Gumbo

1 1/2 sticks butter  
1/3 cup Wesson oil  
1/2 cup flour  
1 green pepper, chopped  
4 onions, chopped  
6 stalks celery, chopped  
1/2 cup parsley, chopped  
2 garlic cloves, minced  
1 pound okra, sliced  
2 quarts chicken stock  
1 quart water  
1 quart frozen or ripe tomatoes

1/2 cup Worcestershire sauce  
1 tablespoon salt  
1/2 teaspoon black pepper  
3 bay leaves  
1/4 teaspoon rosemary  
1/4 teaspoon thyme  
3 cups chicken, cooked and diced  
Tabasco  
4 pounds shrimp, boiled and cleaned  
1 pound crabmeat  
1 1/2 teaspoons brown sugar  
1 quart oysters or clams, drained  
2 lemons  
Melt butter and oil in heavy pot.  
Add flour and stir until flour is

golden. Add green pepper, onion, celery, parsley and garlic. Cook stirring continuously for 30 minutes. Brown sliced okra and add to pot. Add chicken stock, water, tomatoes, Worcestershire sauce, salt, pepper, bay leaves, rosemary, thyme. Simmer two hours. Add chicken; stir and season with Tabasco. After 30 minutes add shrimp, crabmeat and brown sugar. Add oysters 5 minutes before serving. Serve gumbo on hot rice and squeeze lemon juice on each serving. Freezes well—reheats best in microwave oven. Serves 10.



## A Taste Of History

Members of the North Carolina Museum of History Associates spent more than two years compiling and testing the 600 recipes in the organization's cookbook, *A Taste of History*.

Once the statewide volunteer group decided to produce a cookbook, its members were asked to submit recipes for it—and they did so by the hundreds.

Committees assigned to various food areas then went to work testing them and making the final selections to be used in the book.

Proceeds from the sale of the cookbook are to be used to buy historical artifacts and provide educational programs augmenting the museum's regular activities.

The hardcover cookbook is available at the Museum Shop in the N.C. Museum of History in Raleigh. For mail orders, send \$20.17, including tax and postage, to: Museum Shop, N.C. Museum of History, 109 E. Jones St., Raleigh, N.C. 27611.

## Holiday Cardamom Braid

Approximately 4 1/3 cups all purpose flour, divided  
1/3 cup plus 2 tablespoons sugar, divided  
1 teaspoon ground cardamom  
1 teaspoon salt  
2 packages active dry yeast  
1/2 cup butter  
1/2 cup water  
1/2 cup milk  
1/2 cup raisins  
2 tablespoons dark rum  
2 slightly beaten eggs, divided  
Approximately 1/4 cup sliced almonds

Sprinkle rum over the raisins approximately 30 minutes before combining with other ingredients.

In a large bowl, combine 1 cup flour, 1/3 cup sugar, salt, cardamom and yeast. In a small saucepan melt butter, add water, milk and raisins with rum, and heat to 120 degrees.

Add to flour mixture and beat with electric mixer on medium speed for two minutes. Remove two tablespoons of the beaten eggs and set aside. Add remaining eggs and 1 cup flour; beat on high speed for two minutes. Stir in enough of the remaining flour to make a soft dough.

Turn out on floured surface and knead 8 to 10 minutes or until smooth and elastic. Place in greased bowl; turn to grease top. Cover and let rise in warm, draft-free place 1 hour or until doubled. Punch down; turn out on lightly floured surface; using more flour if necessary, knead until smooth and elastic.

Shape using either of the following methods:

1. *Straight braid*: Cut dough into three equal pieces. Shape each into a rope about 22 to 24 inches in length. Pinch ends together and braid loosely, pinching other ends together and tucking pinched ends under as much as necessary to make a neat symmetrical braid. Place on greased

baking sheet. Cover, and let rise in a warm, draft free place about 45 minutes or until doubled.

2. *Wreath*: Cut dough into three equal pieces, shape each into 30-inch long rope. Braid ropes loosely; transfer braid to greased baking sheet and shape into a wreath, neatly merging ends and pinching them firmly together. Place a 6-ounce greased custard cup, upside down in hole in center of the wreath. Cover and let rise about 45 minutes or until doubled.

For either shape: After doubled in size, brush with reserved beaten egg; sprinkle with sliced almonds and the remaining 2 tablespoons sugar.

Bake in preheated 375 degree oven 25 to 30 minutes until golden and done. Watch closely as it begins to brown on top and cover with foil to prevent over-browning during last half of cooking time if necessary.

Cool on rack. Wrap airtight and store in cool place or freeze. Best eaten within one week.



Cheese Pinwheel Bread

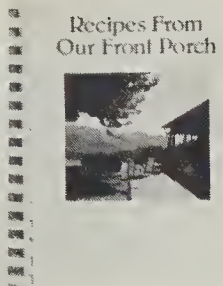
- 1 cup milk
- 1/4 cup margarine
- 1 tablespoon honey
- 4 to 5 cups flour
- 1 package yeast

Heat milk and margarine together just until margarine melts. In food processor mix honey, 2 cups flour, yeast and half of milk-margarine mixture. Process to mix well. The texture will look like cornmeal. Add

the rest of the milk-margarine mixture and 2 to 2 1/2 cups flour. Pulse on-off a few times to gather ball. Turn out on floured board, cover and let rest 30 minutes. Roll to 10 x 20 inch oblong. Spread with cheese filling.

- Cheese Filling:
- 2 cups Cheddar cheese, shredded
  - 1 beaten egg
  - 2 tablespoons Dijon mustard
  - 1 tablespoon seasoned bread crumbs
  - 1 tablespoon sesame seeds

Toss all until well mixed. Roll up from long side to form 20-inch roll. Cut in half. Put on greased pan. Cover with plastic wrap. Refrigerate 2 to 24 hours. Bring to room temperature for 30 minutes. Cook 425 degrees for 10 minutes. Brush tops with egg white, sprinkle with more sesame seeds. Cook 375 degrees for an additional 25 minutes. Keeps in refrigerator well. Freezes well.



Recipes From Our Front Porch

John and Ella Jo Shell, who own and operate the Hemlock Inn in Bryson City, were spending so much time "sharing" recipes with their guests that they decided it was time to put them into their own cookbook. "We thought it would just be easier to spend a year doing the cookbook," said Mrs. Shell. "It took that long because many of the recipes had no measurements or directions—they'd been made up and our cooks just knew how to mix things up until they looked right."

When the Shells came from Marietta, Ga., to take over the inn in 1969, they inherited many recipes that had been part of the inn's fare since it opened in 1954. The cookbook was a family project from start to finish: Mrs. Shell put the recipes in order and her daughter Dianne Shell Gilbert of Hendersonville drew illustrations for it. In addition, each section opens with one of John's mealtime blessings. The hardcover book, which was published about a year ago, is titled *Recipes From Our Front Porch*, because the inn's front porch is where lots of that recipe "sharing" was done, Mrs. Shell said. The book will be distributed through bookshops and other stores beginning early next year, but is now available only at the inn. For mail orders, send \$10 (plus 35 cents in sales tax for North Carolina residents) to Mrs. Shell at the Hemlock Inn, Bryson City, N.C. 28713. The price includes postage and handling charges.

Mil's Peanut Butter Pie

- 2 cups milk
  - 1/2 cup brown sugar
  - 1 cup white sugar
  - 5 tablespoons corn starch
  - 1/2 cup evaporated milk
  - 3 egg yolks
  - 1/8 teaspoon salt
  - 3/4 cup peanut butter
  - 1 teaspoon vanilla
  - 3 egg whites
  - 1/4 teaspoon cream of tarter
  - 2 baked pie shells
- Mix milk, brown and white sugar together and bring to boil in heavy boiler. Mix corn starch, evaporated milk, and egg yolks together. Add to milk mixture and stir constantly until hick. Add salt and remove from tove. Beat in peanut butter and vanilla until blended. Beat egg whites with cream of tartar until stiff and old in. Pour into baked pie shells. Cool and cover with whipped opping. Yield: Two pies.

Cornelia's Tuna Salad

- 1 8-ounce can tuna fish
  - 1 cup chopped celery
  - 2 cups grated carrots
  - 2 small chopped onions
  - 1 cup mayonnaise
  - 1 cup chopped stuffed olives
  - 1 cup chopped cashews
  - 1 cup chow mein noodles
  - 3 hard boiled eggs
- Mix tuna, celery, carrots, onions, mayonnaise, olives and eggs together and put in refrigerator until ready to serve. Toss cashews and noodle into the tuna mixture just before serving. Yield: Serves eight.



Blue Cheese Turnovers

- 2 tablespoons bacon fat
  - 2 medium chopped onions
  - 1 pound lean ground beef
  - 1/2 cup bread crumbs
  - 1/2 teaspoon dry mustard
  - 1/4 teaspoon garlic salt
  - 1/4 teaspoon basil
  - 1/4 teaspoon paprika
  - 1 tablespoon Worestershire sauce
  - 1/2 cup crumbled blue cheese
- Brown onions in fat slightly. Add beef to onions and brown. Mix crumbs, mustard, garlic salt, basil and paprika to meat mixture and cook a few minutes. Cool. Add blue cheese to mixture and mix well. Put tablespoon of mixture into 4-inch pastry squares, fold and seal, like an apple tart. Bake in 375 degree oven for 15 minutes or until brown. Yield: 24.



# DO YOUR OWN THING



## Candy Confections

Chocolate candy is the ideal gift for all occasions—birthdays, Valentine's Day, Mothers' Day, etc. Now you can add that special touch by making gift and hostess candies in your own home.

This 23-page guidebook contains mouth-watering photos and recipes for over 30 different chocolate treats including truffles, petits fours, fudge, molded candy and cream centers. A complete list of ingredients, step-by-step directions and helpful hints simplify each recipe.

Some supplies you will need are plastic candy molds, cookie sheets, wooden spoons, a kitchen timer and a candy thermometer.

To obtain **EASY CANDY MAKING FOR ALL OCCASIONS**, #HH48, send \$4.25 (including first class postage and handling).

Add to your skills by learning how to shape and ice a cake so it looks professionally decorated. This full-color guidebook will instruct you on how to bake a cake for nearly every occasion. Designs include a Sunny Bunny, Christmas motifs, a baby buggy and Jack-in-the-Box. Send for **CAKE DECORATING FOR BEGINNERS**,

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## COUNTRY KITCHEN



### Want To Share Your Recipes?

If you would like to share a recipe with this column, send it to: **CAROLINA COUNTRY, P.O. Box 27306, Raleigh, NC 27611.**

We pay \$5 for published recipes and present each monthly winner a set of 50 recipe cards with the winning recipe printed on them.

### Pumpkin Cake

Submitted by Mrs. R. J. Singleton of Altavista, Va.

1 tsp. cinnamon	1 cup chopped walnuts	4 eggs
2 tsp. baking soda	2 cups sugar	2 cups pumpkin
2 tsp. baking powder	1 cup corn oil	2 cups flour
1/2 tsp. salt		

Beat sugar and oil well. Add eggs one at a time, beating after each. Add pumpkin and mix. Add all dry ingredients and beat well. Stir in nuts. Bake in greased and floured 9 x 13 baking pan at 325 degrees forty minutes.

#### FROSTING:

1 stick margarine	1 box powdered sugar	1 cup chopped nuts (pecans or walnuts)
8 oz. cream cheese	1 tsp. vanilla	

Blend until smooth and spread on cake.



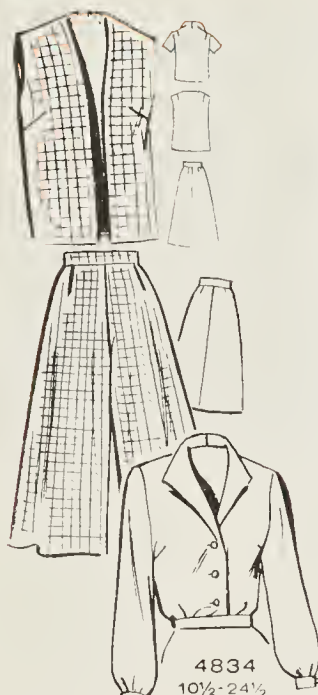
# PINS · N · NEEDLES



9087  
10½-22½



4583  
34-52



4834  
10½-24½



4514  
8-20



7260  
24"  
TALL

850

7584

pattern No. 9087 is cut in Half Sizes 10½, 12½, 14½, 16½, 18½, 20½ and 22½.  
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Pattern No. 7260 includes pattern pieces for clown about 24" and costume.  
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## U-BUILD PROJECTS

### Child's Bed Combines Gym, Bunk And Storage Chest

Here's a kid's bed that's a bunk, a gymnasium and a storage chest—all in one!

Children can work off those before-bedtime energies by romping up and over the jungle-gym bar top. And because kids love its design,

they'll be encouraged to store away their toys in the two cabinets at its base.

It's so easy to build too. Some plywood, a band or saber saw and doweling are the main requirements. You can even cover the dowels with chrome tubing. Paint with bright colors and you've created a happy dreamland.

The plan offers detailed step-by-step instructions, complete with materials list, cutting diagram and exploded detailed drawings.

The JUNGLE-GYM Plan #542 is \$2.50. Other projects you might enjoy: #502 Racing Car Bed, \$3.75; #507 Cable Car Bed, \$1.75; #574 Boat Bed, \$2.75. Pattern prices include first class postage and handling.

Send check or money order to Steve Ellingson, Carolina Country, P.O. Box 2383, Van Nuys, CA 91409.





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# Precaution: Have Children Fingerprinted

Millie Bruton of Troy was pleased when the police fingerprinted her daughter. In fact, she had worked hard to bring it about.

Eighteen-month-old Beth was one of more than 100 children at a Troy day care center who were fingerprinted by the Montgomery County Sheriff's Department.

"My role was as a go-between to make sure this program was set up," says Mrs. Bruton, an agricultural extension agent, 4-H.

The police gave the fingerprints to parents for safe-keeping.

"You hope you will never, ever have to use that kind of thing, but as young as Beth is, if she ever wandered away, at least I would have some way of getting her back," says Mrs. Bruton.

"The fingerprinting of young children is one practical step which parents can take in their fight against abductions of children," says Fran Wagner, extension human development specialist, North Carolina State University.

"More than 2 million children are reported missing each year. While most are runaways, 50,000 are taken by strangers or simply wander off. Only about 5,000 of the 50,000 are found alive and returned to their families. A set of fingerprints can help identify a lost child."

Mrs. Wagner offers the following suggestions to parents:

- Don't leave the child alone in the car, store or other public place.
- Teach your child how to use the telephone. He should know how to call home and how to call the police for help.
- Let your child know he should not get involved with strangers.
- Set up a neighborhood child watch program. Keep an eye on your own children and ask neighbors to do the same.
- Make sure the school notifies you immediately if your child doesn't show up for school.

## Job Training and Safety Coordinator

Va., Md. & Del. Association of Electric Cooperatives is seeking an individual to head the J.T. & S. program headquartered in Richmond. Applicants must have line experience with electric utility (co-op preferred) with demonstrated ability to serve as management consultant. Experience with safety and employee development programs desirable but B.S. degree in Management may be considered with line experience. Substantial travel required. Salary bracket \$33,000 to \$48,000 plus NRECA benefits. Send resume prior to December 12, including photo, references and salary requirements to Charlie Jones, Association of Electric Cooperatives, P.O. Box 15248, Richmond, Virginia 23227. An equal opportunity employer.

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# HANK'S GARDENING GUIDE

---

*No shade, no sunshine, no butterflies,  
no bees, no fruits, no flowers,  
no leaves, no birds.  
No-vember!*

---

—Thomas Hood, 1884

---

As nights lengthen and temperatures drop, it's time to prepare the garden for winter. With fewer tasks, there's more time to: prune out dead wood of trees and shrubs, clean up debris in flower and shrubbery beds; protect susceptible plants from approaching winter cold by use of mulches, plant spring-flowering bulbs, clean and sharpen garden tools.

## Don't Forget To Prune When Transplanting

If you are planting new evergreens or transplanting established ones, cut away some of the top-growth. Newly transplanted evergreens will overcome the shock of digging and moving if the top growth is pruned lightly.

When pruning, try to improve the plant's shape. Remove weak stems and twigs as well as any sucker growth. Cutting away some of the top growth will help compensate for inevitable damage to the root system.

## Choosing Dwarf Plants

In recent years, plant breeders have developed many dwarf-type plants that are much more useful in the landscape than their standard counterparts. It's no longer necessary to plant tall-growing and fast-growing evergreens (such as Chinese holly and ligustrum) beneath windows, or to accent the corners or low ranch-style houses. These dwarf plants also are good choices for mass plantings.

Included in this group are native and Oriental hollies, pyracantha, nandina, flowering quince, sasanqua

camellia, crepe myrtle and several types of junipers.

Also, a number of standard small plants have been available at garden centers for some time. Among these are India hawthorn, aucuba, fatsia, holly fern and Japanese black pine. These all are adapted to partial shade.

## Plan for Pampas

In compiling a list of tough-and-hardy ornamental plants, Pampas Grass would be near the top. This practically indestructible plant has gained in popularity in recent years.

When planting Pampas Grass, give it plenty of room to sprawl and spread. Due to the dense clumps of saw-edged leaves, don't plant in an area where there is heavy foot traffic.

Undemanding as to the soil type in which it will grow, this ornamental grass will reach six inches in height in one season when planted in rich soil. In late summer, the grass produces one-inch-long silvery flower plumes above the mass of foliage. They are prized for use in dried arrangements.

## Help Plants Escape Cold Damage

In order to aid plants to escape cold damage, it is wise to keep in mind that a healthy well-fed plant will be better able to withstand freezing temperatures. Plants should enter winter free of disease and nematode damage.

Don't feed them too late in the season for this often forces tender growth that is subject to winter kill. Never fertilize with quickly-available nitrogen in late summer or fall. Select varieties that are hardy to your area. Protect plants from prevailing cold winds. A fence or tall evergreen hedge of trees or shrubs gives good protection.

During severe freezes, plants that freeze slowly and thaw slowly will

be damaged the least. The south side of a building, with no shade, is the poorest location for tender plants.

Winter watering: If rainfall has been scarce, give plants a good watering before the ground freezes. This is important for newly-set plants as well as established trees and shrubs. A lack of moisture causes drying of evergreen foliage, as well as dropping of flowerbuds and fruit.

During extended dry spells of winter, apply water to all plants. Do this during mild spells when ground is not frozen.

## Evaluate Garden

While spring and summer gardening experiences are fresh in mind, autumn's a good time to take a critical look and corrective action.

It may be that you need to consider changes in flower-vegetable garden location or size. A garden of proper size for your family a few years ago may now be too large and demanding in care. A good sunny spot of several years ago may now be shaded by trees. If no other site is available, some tree pruning may be the answer. Branch trimming and selective tree removal are excellent fall projects.

Perhaps you have a bank with a steep slope, and you want to cut it down or build a wall to improve the situation. Major changes of this kind, done at this time, will give soil a period to settle before the next growing season.

This is a good time to take soil samples to be analyzed. And, let's not overlook removing unhealthy plants and plant remnants. Good sanitation practices now make it difficult for serious insects and diseases to overwinter if their habitat is missing.

Shredding and composting healthy plant parts is an ideal way to conserve and improve soil.



# "A Nightmare With A Happy Ending"



Ask eight-year old Joel Shelton of Pinnacle what an electric cooperative is and he just might say it's a place that provides electricity and teaches its workers how to save lives.

The first part he learned in class; the second, in the strong arms of Delmar Ray Cook, a lineman at Surry-Yadkin Electric Membership Corporation, Dobson.

Joel, who's back in school now after an accident that almost took his life, is pretty good at spelling but hasn't yet mastered the term, cardio-pulmonary-resuscitation. All he knows is that's what his neighbor, Mr. Cook, used to keep him alive last Sept. 10.

"It makes me shudder to look at Joel now and see a normal, active eight-year-old boy and to think what might have been," said Teddy Shelton, the boy's father, during a recent gathering at the co-op as he delivered an official "thank you" to Cook.

The lineman, who learned CPR through training sessions at the EMC, has become a hero of sorts as a result of the incident with Joel.

"It's one of the most outstanding things one of our employees has ever done," beamed EMC Manager Kelly Hutchens. "We admire this man for doing what he did. Some of us might

have frozen and not administered CPR—or we might not have done it right. We're thankful and grateful that he did what he did the way he did it."

Joel's father, a local school teacher, calls the incident "a nightmare with a happy ending."

It began amid the playfulness of a church hayride.

The Junior Youth Group of Fairview Methodist Church—with Cook as an adult leader—left that day aboard a trailer pulled by a tractor, headed for Yadkin Island State Park. As the tractor headed up a steep and bumpy stretch of road in the park, Joel tumbled out and was run over by both wheels of the dual-axle trailer. His chest was mashed.

"I jumped off as soon as I saw him," Cook recounted. "He wasn't breathing. I started CPR on him right then. I didn't wait for anything or anybody. It was somewhere in the range of two or three minutes before he started breathing again."

Once the boy began showing signs of life, he was whisked up and taken to a hospital by ambulance.

"I talked to him all the way down the road to make sure he stayed with me," Cook explained. "The doctor said he didn't see how the little boy lived."

Cook said he was overjoyed when he learned that the boy would survive and that he had suffered no permanent damage. But the incident and its anxious moments are hard to put out of his mind.

"I'll always remember what that face looked like when I picked him up," Cook said. "I thought at one time I was going to lose him. I was working as hard as I could, but he just wasn't moving."

Cook has been with the EMC co-op for about seven years and during that time has taken several CPR training sessions and refresher courses. He was glad to get the training, but never expected to need it.

"I never thought I'd have to use it. Of course, that's what everybody thinks—that they won't ever have to use it."

Since the incident, his attitude has changed. In fact, everyone at the EMC now has a new appreciation for the co-op's safety training program.

"We've always said the chances of this type of training paying off are better off the job than on. And that's how it's turned out for this employee," Hutchens said.

—Kemp Ward



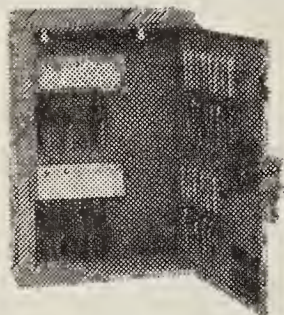
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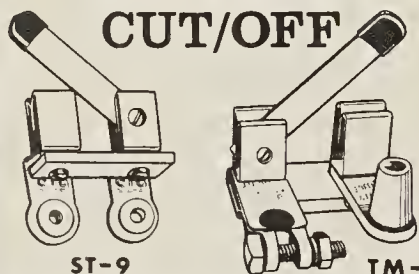


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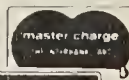
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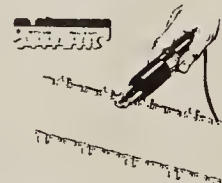
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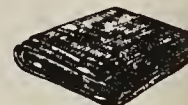


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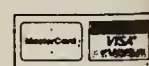
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# 141 Tar Heel Communities Honored

A total of 141 communities across North Carolina have been named winners in the 1983 Communities of Excellence Awards Program signifying that they have taken a series of steps to make themselves accessible and attractive for new industry.

The total establishes a new record for the number of communities

receiving the honor from the N.C. Department of Commerce.

The awards are presented only to towns with fewer than 15,000 residents and only if the community has some industrial sites ready for immediate use.

In addition, an applicant must also have a functioning economic promotion organization, a

development corporation able to finance construction of industrial buildings, a detailed community profile, an up-to-date brochure pointing out community services and facilities, a functioning planning commission, a knowledgeable development team and an aggressive sales pitch.

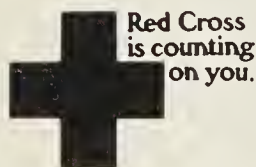
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Andrews	Dunn	Kenly	Pinetops	Sylva
*Angier	Edenton	Kings Mountain	Pittsboro	Tabor City
Apex	Elizabeth City	La Grange	Plymouth	Tarboro
*Archdale	Elizabethtown	Landis	Pollocksville	Taylorsville
Ayden	Ellerbe	Laurinburg	Raeford	Trenton
Bakersville	Elm City	Liberty	*Randleman	Valdese
Battleboro	Enfield	Lincolnton	Red Springs	Vanceboro
Beaufort	Fair Bluff	Littleton	Reidsville	Wadesboro
Belhaven	Farmont	Louisburg	Richlands	Wake Forest
Benson	Farmville	Maggie Valley	Rich Square	Wallace
Bessemer City	Forest City	Magnolia	Roanoke Rapids	Warrenton
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Bladenboro	Fuquay-Varina	Maysville	Rose Hill	Weldon
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Boone	Garysburg	Mooresville	Saint Pauls	West Jefferson
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Cherryville	Hendersonville	*Nashville	Smithfield	Youngsville
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Clayton	Huntersville	Norlina	*Spencer	
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Clyde	Jefferson	*Oakboro	Spruce Pine	
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## EMC ANNUAL MEETINGS CALENDAR...

Date	Electric Membership Corporation	Time	Location
Dec. 2	Tideland, Pantego	Registration: 6:30 p.m.	Pantego Jr. High School, Pantego
3	Carteret-Crave Morehead Cit.	Registration: 6:00 p.m.	West Carteret High School, Morehead City



## COMMENTARY

# Selective Planting Trims Energy Costs

When you make your landscaping plans for the fall and winter, don't overlook any opportunities to locate new trees where they will grow into energy savers.

Certain locations around the house planted with the right kind of tree can be important in reducing winter heating costs. These trees can serve as windbreaks. They are evergreens.

Deciduous trees—those that lose their leaves in winter—can be important too. Strategically located and of the right type, these shade trees

can protect the house from the summer sun and reduce your cooling bill.

Agricultural Extension Service specialists at North Carolina State University can cite studies which show that up to a third of the heat loss from a building is by conduction. The conductive air currents are increased by wind along outside walls and the roof. Strong gusts can also penetrate around windows and doors as well as the foundation.

Windbreak studies show that the winter fuel consumption can be reduced significantly—the colder the climate, the greater the savings.

In North Carolina, evergreen plantings for windbreaks vary with the locale. White Pine, hemlock and fir are well suited to the mountains, as are rhododendron and mountain laurel as evergreen shrubs.

The central part of the state could use a combination of evergreen trees and shrubs, both native and nursery

grown. The eastern sections would use loblolly pine, holly and wax myrtle.

Don't overlook the planting of new shade trees. Just because cold weather is coming on and the emphasis is on keeping the house warm rather than cooling it, the season to plant all types of trees and shrubs is the same—fall and winter.

When 20 percent of the roof is shaded, air conditioning cost savings should be significant, according to one study.

Another study showed that a shaded wall surface compared to an unshaded wall was equivalent to a 30 percent increase in insulating value. The temperature difference was eight degrees.

If you need help in selecting evergreens for windbreaks or deciduous trees for shade, check with a reliable nurseryman or with your county Agricultural Extension Service office.



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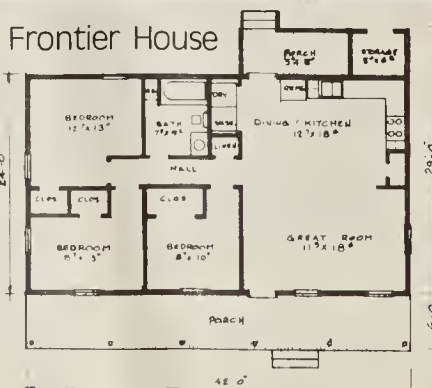
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# New Power Supply Era Begins

For North Carolina's Electric Membership Corporations, dawn came early on Nov. 1—and with no sign of the sun.

This dawn arrived at the stroke of midnight, signalling the start of a new era in power supply for the electric cooperatives and their consumer-members across the state.

At that moment, the co-ops officially began taking energy from their own share of Duke Power Co. generating facilities. The hum of the generators remained unchanged, but on paper part of the energy flowing into the Duke system will later be identified as EMC property.

There were no drum-rolls, no fanfares to mark the occasion, which has been the focus of years of planning by the co-ops and their power supply organization, North Carolina EMC.

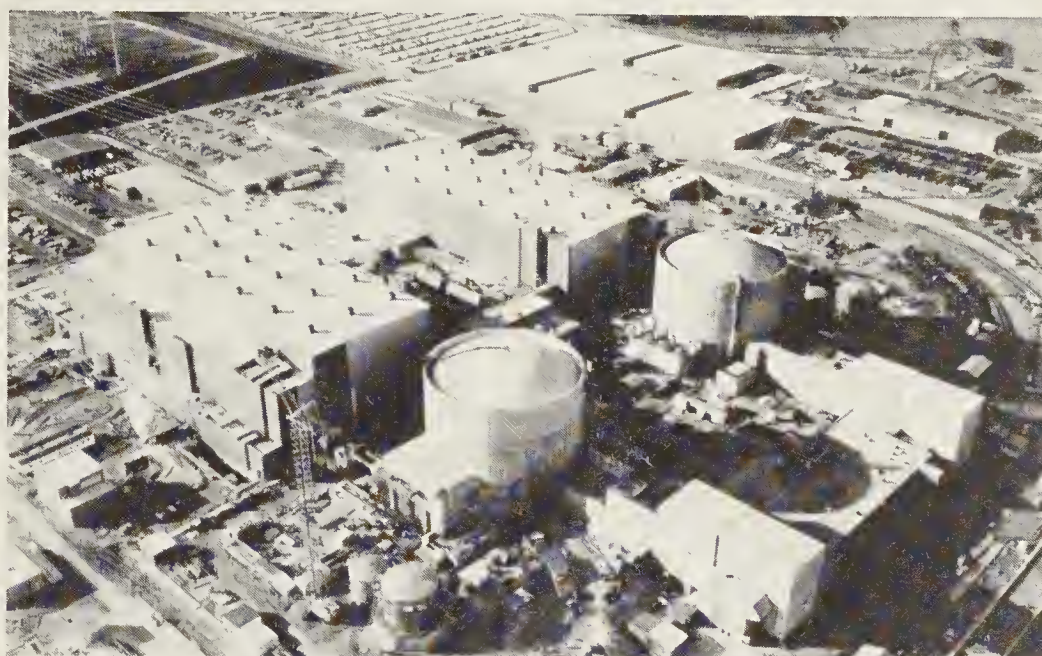
"We did our celebrating when we struck the deal with Duke and when the Rural Electrification Administration approved financing for our purchase of part of Duke's Catawba Nuclear Plant," said John Kutter, manager of power supply for N.C. EMC.

The joint venture arrangement with Duke was established in early 1981 when N.C. EMC bought a 56.25 percent share of Catawba's Unit 1, following five years of negotiations with Duke and more than three decades of off-and-on efforts by the EMCs to provide part of their own energy supply.

Catawba, which is being built on Lake Wylie in York County, S.C., about 19 miles southwest of Charlotte, is due to be completed in July, 1985.

Under terms of the buy-in, the co-ops were given the option of taking power from Duke's McGuire Nuclear Plant, which is on Lake Norman 17 miles north of Charlotte, until Catawba becomes operational.

The two plants feature essentially the same facilities. Each of Catawba's



North Carolina's Electric Membership Corporations are now taking power from their share of Duke Power Company's Catawba Nuclear Plant, although the plant isn't scheduled for completion until July, 1985. Until the plant goes into operation, the co-ops will get energy from Duke's McGuire Plant.

two units will have a capacity of 1,145 megawatts, while each of McGuire's two units have a capacity of 1,180 megawatts.

"We went into this Duke arrangement because our projections showed it would reduce power costs for the co-ops over the 35-year life of the Catawba plant," Kutter said.

"We decided to take advantage of the McGuire exchange because studies showed it'll save the EMCs several million dollars in the next two years."

While the joint venture requires that power from the Duke facilities must flow only to the co-ops in the Duke service area, the savings will be shared by all participating EMCs, he added.

Kutter said that will be accomplished through accounting mechanisms as N.C. EMC begins functioning as a full-fledged generating and transmission cooperative for the first time.

"Now that the Duke partnership has become a reality, N.C. EMC has its first generation and can begin

playing the role that was originally envisioned for it."

That role casts N.C. EMC as the power supplier for its 27 member-EMCs. Now, power from the Duke arrangement as well as power from other companies—Carolina Power and Light Co. and Virginia Electric and Power Co.—will be billed to N.C. EMC rather than the individual co-ops.

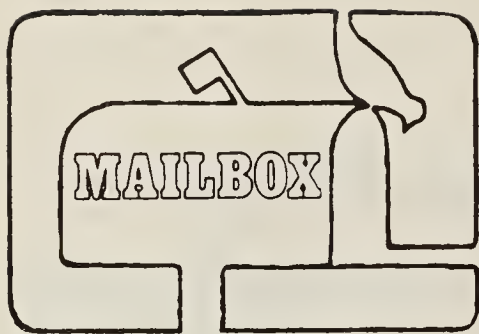
N.C. EMC will, in turn, bill the EMCs for the power their consumer-members use each month.

"This billing process is essential in order for all the co-ops to share equally in the cost reductions from the Catawba-McGuire project or others we might undertake later, Kutter said.

Financing for the EMCs' arrangement with Duke is coming from private money markets, with the Rural Electrification Administration providing a loan guarantee of \$1.6 billion. No federal funds are being used for the project.

—Owen Bishop





## CWIP Position Stems From "Standard Bias"

Your editorial about "Construction Work in Progress Costs" in the August issue of *Carolina Country* seems to reflect the standard bias of most socialist-minded people in this country against investor-owned utility companies, rather than a careful analysis of the problem.

The simple fact is that all businesses, EMCs included, have to add all costs of doing business, plus a little extra, to determine their charges. Interest on borrowed money is a legitimate, allowable cost of doing business. When private power companies have to borrow money at the exorbitant interest rates of today, we consumers eventually have to pay that interest. It can be no other way.

Under the present plan, power companies can charge us for a portion of their plant construction costs before a plant is in operation. You oppose this and ask us to do likewise. This is silly and not in our own best interest. As I said before, we consumers are going to have to pay all of the costs of producing electricity. You would force these power companies into borrowing more money and we would have to pay hundreds of millions of dollars in interest down the road. I prefer paying a little now rather than a whole lot more later on.

There is another big factor which you did not mention. Most utility companies are having difficulty obtaining money (at any cost) in sufficient amounts to build generating plants, whose price tags have escalated into billions of dollars each. Without the CWIP plan we might find ourselves sitting in the dark some night not too many years away.

I challenge you to print this letter

and give your readers another viewpoint. I hope any EMC members who might possibly read this will do as I intend to and contact their congressman and ask him to oppose any legislation to abolish the CWIP plan.

I do enjoy *Carolina Country* magazine and appreciate many of your editorials.

J. Carl Hartsfield, Jr.  
Kinston

*Undoubtedly, consumers of any business must cover that operation's total costs if it is to stay financially healthy. That principle applied to the electric utilities and the CWIP concept can, as you point out, become a simple question of "pay now or pay later" for those firms' retail customers. But, North Carolina's EMCs hope to eventually wean themselves from dependency on the investor-owned companies for power supply. Their purchase of a share of Duke Power Company's Catawba Nuclear Plant was their first step toward establishing their own generation system. If these long-range plans come to fruition, the co-ops—and their consumer-members—could find themselves paying CWIP costs "now" on facilities that will not be serving them "later." Thus, opposing the CWIP plan is very much in the EMCs' "own best interest."*

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*See related column, Washington Scene, Page 26.*

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## Hunters Seek To Be Part Of "Nature's Scheme Of Life"

In response to: "Cruelty Is Cruelty."

This article and many other anti-hunting write-ups that have appeared in *Carolina Country*, consistently refer to "God's Animals," as if God is against killing animals. Evidently the people who wrote these articles never bothered to read the Bible and see just how God really feels about the human-animal relationship. They have let their emotions and personal feelings cloud the truth. They have but to read Genesis 27 to find an account of a man whom God loved and blessed throughout his lifetime. Issac was a man of substance. He owned many flocks of domesticated

animals that his family could and did use for food, but he also utilized wild animals for food.

There were thousands of animals offered as sacrifices to God in burnt offerings in other Biblical accounts. These animals were killed by God's command. Do you dare claim that these animals were killed for the "sadistic thrill of the kill?" No! Of course not! No more so than the animals that I have killed for food, wild or domestic.

I raise hogs to supply my family with meat. I also hunt for the same reason and I am positive that God will not condemn me for "using" the animals that "He" placed on earth for man.

Naturally, I enjoy hunting or I wouldn't participate in the act, but it is not the act of killing a hunter craves. It is the participating in nature's scheme of life. It is utilizing the things that God has provided us with and truly understanding the God-human-animal relationship.

As a hunter, I realized that I should kill only what I can use. I never waste anything that I kill and I never will—I respect the laws governing the lands I hunt. As a hunter, I must say that I don't torture animals. When proper force is used to kill an animal, little or no suffering occurs.

Our society today consists of many people who have never killed their own meat. They have never even seen how meat gets to their table. Don't they realize that animals have to die in order to have meat? If everyone allows their emotions to rule over logic, we will all be vegetarians in the future. No more T-bone steaks or pork chops. No more hamburger or venison stews.

If we ever do evolve into this miserable state of life, it won't be God's fault because he gave us better sense. Whether we choose to use it or not is strictly an individual choice.

We as a nation should wake up and not become dependant on others doing everything for us. One of these days, there might not be a supermarket around to supply our every need. Will you know how to provide for yourself and your family then?

Mike Tetterton  
Washington



## "Leave Church Out Of Your Magazine"

As a Baptist, I appreciate the Page 2 ad in the September Carolina Country but feel that is inappropriate for this reason: Any denomination or cult would feel free to request an ad and some might be contrary to the scriptures. Leave church out of your excellent magazine.

Mrs. J. L. Gillespie  
Rt. 1, Brevard

We appreciate your comments and share your concern about the magazine's advertising content. We must depend on our readers to let us know if they see evidence that we've failed to maintain a high standard in regard to the advertising material. We seek to do just that in terms of the types of products and services to be advertised while closely monitoring the ethics and tastefulness reflected by the ads themselves. We believe that's essential if we are to maintain the integrity of the publication. Its pages are certainly not open to just anyone with the "price of admission."

## Organ Donors Can Give "The Gift Of Life"

I am writing to share with your readers some information regarding the need for organ donors. Two million Americans die each year and of these about 20,000 could qualify as organ transplant donors, doctors say. Not enough of them are donating their organs. For the more than thousands of people who are now waiting for transplants, that means long and many times fatal delays.

Doctors agree that Americans are willing to donate organs but those families experiencing death don't think about arranging for a donation. Someone—usually from the medical profession—must reach out.

Recently, there has been a lot of publicity about people who are waiting for an organ transplant. This seems to help many of them to find a donor. However, for every five people who need a transplant, only one usually gets the opportunity for it. The public needs to become more aware of this great need and of the chance they might have to give the greatest gift of all—the gift of life. A

donated organ, successfully transplanted, is literally a person's gift of life.

Anyone 18 years of age or older may become a donor by signing a uniform donor card. An individual under 18 years of age may become a donor if either parent or a legal guardian gives consent.

Donors cards need to be witnessed by two people and should always be carried by the donor. It is also a good idea to advise your family, physician, and minister so they are aware of your desire. If you have a North Carolina driver's license, you may also indicate that you are a donor on the license.

Cards are available from the National Kidney Foundation of N.C., P.O. Box 2383, Chapel Hill, N.C. 27514.

Trey Deal  
Rt. 3, Statesville

## Your Magazine Makes History "Live Again"

I enjoy reading Carolina Country—along with the rest of North Carolina, I'm sure.

The information on our past is especially interesting, thanks to our forefathers and your magazine, which makes it live again.

Peggy Green  
Charlotte

## "Look Forward To" Magazine's Recipes

I look forward to all the recipes in Carolina Country.

Elender Gobble  
Winston-Salem



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## WASHINGTON SCENE

# CWIP Ruling Reflects Administration's Views On Co-op Program

A recent ruling by a federal agency that could cost consumer-members of U.S. rural electric cooperatives about \$500 million a year is yet another reflection of the present administration's attitude toward the rural electric program.

The attitude first became visible in 1981 when the Office of Management and Budget tried to severely cut back REA loans and even, as OMB Director David Stockman said, to "phase out" the program altogether.

Efforts were made to rescind the Rural Electrification Administration loan authority and cut back on co-op access to REA's insured revolving fund. However, each attempt to weaken REA was repulsed by Congress, whose members are closer to the people and realize the depth of its support across rural America.

Now comes the Federal Energy Regulatory Commission, a creature of the executive branch of government, with a ruling that may well add \$15 million a year to the power bills of co-op consumer-members in North Carolina alone.

The ruling gives utility companies the right to charge their wholesale customers for part of the cost of new construction, even before the new plants start producing electricity. Co-ops hit with such charges would have no choice but to pass them on to their consumer-members.

Again, Congress is fighting back.

Bills to undo some of the damage the FERC did were introduced in both the House and Senate earlier this year, with the hope that some

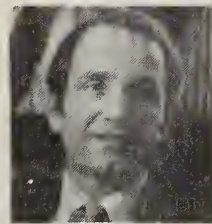
final action could be taken before Congress adjourns in November.

In the Senate, Sen. John Chafee of Rhode Island and in the House, Rep. Tom Harkin of Iowa offered legislation to limit the construction-work-in-progress (CWIP) charges permitted by the regulatory agency.

More than 100 members of the House signed on as sponsors of Harkin's bill.

Harkin sees the FERC ruling as unfair.

"Giving utilities the right to charge for construction work in progress," Harkin said, "will mean higher utility bills."



**Harkin**

"These higher bills will not pay for electricity being used, but for building plants that may never benefit those footing the bill."

Harkin and others have argued that granting utilities this bonanza might lead to building generating plants that aren't needed. "Projected electric demand for 1990 has dropped 40 percent since 1973," the Iowan said. "I am concerned that an assured supply of capital will cause power companies to build plants that aren't really needed."

He pointed out that one of the groups who have opposed such charges from the start have been those made up of elderly citizens who think they may never use power from the plants they are paying for.

It is no wonder the utility

companies, who want to construct new plants would like to have the privilege of adding part of their costs to consumers' bills. That's cheaper than going to the bank or into the bond market and having to pay interest on the money.

So the utility companies have lobbied hard to defeat measures such as those offered by Harkin and Sen. Chafee.

But those opposed to the FERC ruling think it is giving private investor-owned power companies something nobody else has.

"Look at it this way," said one member of a senator's staff who has studied the situation. "If you are a private manufacturer and you want to build another plant to make more bicycles, you go borrow the money, you build the plant and hope you'll pay for it by what the plant produces."

"You can't very well pay for it by charging more for the bicycles



**Giving utilities the right to charge for construction work in progress will mean higher utility bills**



you are making at the plant you are operating now. That might price your bicycles too high to compete with other companies.

"Yet that is exactly what the FERC has done for the private power companies and they have to worry about raising their prices because they are a monopoly."

Under Harkin's bill, the power companies must show that building a new plant is the least costly way of meeting energy demands and demonstrate that they would have to pay more than the industry average in the bond market.

The bill would allow a company to charge consumers for part of the cost of anti-pollution measures and for fuel conversion.

Harkin said that companies should not be allowed to charge consumers for plants under construction unless they can't "acquire funds through normal channels."



Foreclosures Nearly  
Double On Family Farms

The nation's economy may be improving overall, but government figures show it isn't all roses everywhere.

During the first eight months of 1983, records at the Farmers Home Administration show that the number of family farms upon which the agency foreclosed nearly doubled. The FmHA was created in the 1930s to offer low interest loans to Depression-stricken farmers.

At the end of August, the most recent month for which figures were available, the FmHA had 1,027 farm properties in its inventory which it had acquired through foreclosure or because people had just given up and surrendered their holdings. That is almost twice the 538 farms held at the end of 1982 and four times the 223 at the end of 1981.

This state of affairs has sparked some criticism in Congress, where some members see an irony in increased foreclosures by an agency

that was created to help farmers who were hard hit by the Depression.

"The Farmers Home Administration," said Rep. Ed Jones (D-Tenn), "has amassed so many farm holdings, due to foreclosures, bankruptcies and liquidations that the agency is now having to advertise in the media for auctioneers to assist in disposing of its inventory."

Jones, and others, are planning legislation to bring farmers relief.

Meanwhile, agency officials have expressed little concern.

"Even in good times," said an FmHA spokesman, "there are some farmers who go broke."

Women's Issues And  
Political Rhetoric

Washington being Washington, much of the conversation now concerns the 1984 election.

And any talk of that brings up the so-called "gender gap" which concerns the way women view the current president. Polls show that Reagan suffers in feminine support,

or lack of it, nationwide. With more women working, voting and competing with men for jobs, politicians watch what they say when they discuss issues affecting women.

And this shows how times have changed.

Some years ago, A. B. (Happy) Chandler was running for governor of Kentucky. No lightweight politician, he had served previously as governor, as U.S. senator and as commissioner of baseball.

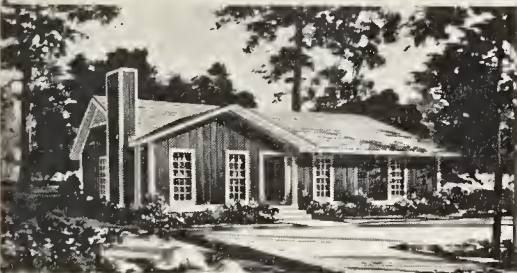
In his bid for a second term as governor, which he won, Chandler went about Kentucky giving his views of a woman's place.

"My wife," he said, "said the other day she just wished she could take a vacation. She said she wanted to go some place she had never been, some place that was entirely new.

"So," he said, "I took her into the kitchen."

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# Misguided Policies Call A Retreat From Farm Products Exports

**American farming and agribusiness are now in the doldrums because of government policies restricting exports, according to the chief executive officer of a major national agribusiness company which has important ties to North Carolina.**



Guisti

*Excerpted from remarks by Gino Paul Guisti, president and chief executive officer of Texasgulf Inc. at the 1983 annual meeting of the North Carolina Agribusiness Council on Sept. 10 in Raleigh.*

**E**very day the world's population increases by more than 200,000 people; every day some 30-40,000 people die from hunger; and at a recent meeting of U.S. mayors, hunger was cited as the most prevalent problem of our cities.

When one combines the world's need for food with the fact that the United States has the world's most efficient farmers—each American farmer can feed 78 people—you would think that U.S. farming should be in its heyday.

You and I know that farming, and the more general area of agribusiness, are in the doldrums. Why is this so?

If I were to give this talk in less than one minute, I would say the major problem in agribusiness is the lack of exports and, if we are to be successful in the future, we must have a long term solution to that problem.

In the past, the U.S. has been very successful in developing overseas markets for our farm commodities. In fact, exports normally account for one third of all U.S. grown corn, half of our soybeans and two-thirds of our wheat.

In essence, every third acre farmers plant is for sales overseas.

Our dependence upon exports has been so strong that we cannot afford to retreat from these markets, and, yet, through political actions, agribusiness is being forced to do just that.

I hope to develop this subject in part by using my company, Texasgulf, as an example. Therefore, I think it's appropriate to give you a brief history of Texasgulf and, in particular, Texasgulf in North Carolina.

From its founding 75 years ago until the mid-1960s, Texasgulf was a very profitable, one-product company—we produced and marketed sulfur, mostly from Texas. Beginning in the mid-1960s, generally through our own exploration and development activities, we became a producer of metals in Ontario, potash in Utah and Saskatchewan, soda ash in Wyoming and phosphates in North Carolina.

We also have an animal feed ingredients plant in Nebraska and oil and gas operations onshore and

offshore in the U.S. Gulf Coast and offshore in California and Alaska. Our sales grew from nearly \$60 million in 1960 to over \$1 billion in 1980.

In 1981, we were acquired by the large French International oil company, best known as Elf Aquitaine, and, at the same time, our Canadian operations were divested.

In the late 1950s, Texasgulf, as well as a number of other companies, began an active exploration program in North Carolina in search of phosphates, a necessary fertilizer ingredient. While most companies concentrated their exploration activities north of the Pamlico River, Texasgulf went south of the river and found one of the world's largest phosphate deposits near Aurora, commonly referred to as our Lee Creek operations.

Not only did Texasgulf develop a mine to produce phosphate rock, but we also built one of the world's largest and most efficient phosphate fertilizer complexes. With the latest expansion in those facilities, which was completed just last year, we believe Lee Creek is now the largest phosphate mine in the United States, has the world's largest sulfuric acid plant and has the world's largest dragline (72 yards) specifically used to dig phosphate ore out of the ground.

To give you some further evidence of the magnitude of our operation, Lee Creek can produce enough phosphate fertilizer to supply the needs of all the farmers in North Carolina and have enough left over to supply the requirements of all the remaining farmers on the Atlantic Coast, from Maine to Florida. After that, we would still have enough product left over to take care of farmers in Pennsylvania, Ohio and West Virginia.

That's over 20 percent of all the phosphates used in the United States last year. Obviously, we don't supply all that domestic market and, therefore, must rely on exports.

I emphasize this because it bears directly on the challenge facing the agribusiness industry not only in North Carolina, but in the whole United States.



As further evidence of our commitment to North Carolina, in 1979 we consolidated all of Texasgulf's chemical activities into one company—Texasgulf Chemicals Company—and made Raleigh its headquarters. To accomplish this, we transferred people from Houston, Denver and Cleveland to Raleigh, and are currently transferring more of our people from our corporate office in Stamford, as well as from other locations, to Raleigh. Also, our corporate data processing center has been located in Raleigh since 1973.



**Our dependence upon exports has been so strong that we cannot afford to retreat from these markets and, yet, through political actions, agribusiness is being forced to do just that**



There's more to being a good corporate citizen than making significant capital investments, or providing employment, or making major local purchases, or paying large taxes; it entails, among other things, being concerned about the environment, being concerned about the health and safety of employees, being concerned about the community, and being concerned about education. These concerns, in my mind, are a two-way street; it requires a cooperative atmosphere between the community and the company.

I would like to mention only a few specific items. In the early 1960s, long before the environment became the popular issue it is today, Texasgulf established an environmental department at Lee Creek in order to assure that the land, the water, wildlife and the atmosphere would be protected. Today, eleven of our people at Lee Creek are dedicated full time to this one mission.

But, even more important, all of our employees are dedicated to the same mission through an Environmental Excellence Program, which is a cooperative effort between the state of North Carolina and Texasgulf.

This program attempts to prevent environmental problems from happening rather than attempting to find fault. I must compliment Mr. Joe Grimsley, secretary of the Department of Natural Resources and Community Development, for this innovative, successful, cooperative system.

On the safety issue, I am pleased to report that Lee Creek has set a Texasgulf record on safety that is still growing. To date, our 1,200 employees at Lee Creek have worked 470 days, or more than three million man hours, without a lost time accident.

It should be obvious that we at Texasgulf are extremely proud of what we found, developed and built in North Carolina, and it should also be obvious that we are indeed a part of agribusiness.

In fact, I am pleased to announce today two new Texasgulf projects in North Carolina; one is an investment of \$2.4 million in an animal feed ingredients plant to be located in

Kinston, and the second is a \$25 million investment in an electrical cogeneration facility to be located at Lee Creek.

What we at Texasgulf have done in North Carolina is develop a world-class phosphate mine and fertilizer complex and have recently expanded that complex by 50 percent to meet the expected growth in overseas demand.

Well, here we are in 1983 with that export demand not developing and domestic farm programs reducing the need for fertilizers in the U.S.

Farmers, the foundation of the agribusiness sector, equipment manufacturers, fertilizer companies, farm chemical producers, seed companies and others in agribusiness, were all poised for continuation of the domestic demand, plus an increasing demand for exports.

We all now know that a combination of farm surpluses, worldwide recession, large national debts, restrictive trade practices, the grain embargo, a strong U.S. dollar, high interest rates and two consecutive years of excellent world harvests, have had a negative effect on agribusiness.

In the decade of the 1970s, the federal annual cost of farm programs

*Continued on page 30*



**Phosphate rock bound for export is loaded onto a barge at the Texasgulf Chemicals Lee Creek plant near Aurora. Once loaded, it will be transported down the intracoastal waterway to Morehead City for transfer onto a cargo ship.**



# Misguided Policies On Farm Products Exports

*Continued from page 39*

was around \$3 to \$4 billion; in 1981, it was \$6 billion; in 1982, \$12 billion and in fiscal year 1983, over \$20 billion—and that excludes the estimated cost of \$12 billion of commodities to be given to farmers under the Payment-in-Kind Program.

The total cost of the 1983 farm program appears to be larger than 1983 net farm income. I don't think the American public will sit still much longer for these large and growing federal farm expenditures.

A different long-term solution is needed, one that provides some income protection and encouragement for efficient farmers but which expands our overseas sales.

Our government's approach to the domestic farm problem is to encourage less production. This approach has encouraged other countries to produce; it has done nothing to increase our sales; it has caused overseas stocks to increase; it penalizes the efficient producers; it encourages land speculation; and, even though it may give farmers short-run benefits, it has not provided a long-run solution.

At Texasgulf, the marketplace determines how much fertilizer we produce and sell and at what price. Today, because of the PIK program and low exports, we are operating well below our capacity as are most other phosphate producers. No subsidy pays us to not produce.

While one might suggest the same approach for farm products, there is one important variable that does not exist in our business—that is the weather. Yes, even with good planning, the weather may cause a

major shortfall or surplus in production. As a result, a stockpiling program may be needed to even out such production variations in order to prevent wide price and income fluctuations for the farmers.

The American farmer is the most efficient farmer in the world. He produces about one third of the world's coarse grain production on a little over 10 percent of the world's acres planted to those grains. Put another way, the U.S. farmer gets three times the average yield per acre compared to the farmer of the rest of the world, and gets a 50 percent better yield compared to his nearest competitor.

**B**ut what does our current government policy do? It encourages him to be less efficient, or, as in the case of the grain embargo, refuses him access to one of the world's largest grain markets. Before the embargo, the U.S. supplied over 60 percent of the USSR grain imports. Today we have only 24 percent of that market.

All the embargo did was to provide an incentive for Argentina, Canada and Australia to expand their production and fill the void—despite the fact that the U.S. farmer is the most efficient producer.

Exports of farm commodities are extremely important to the U.S. balance of payments and, although it is not generally recognized, exports of farm commodities pay for about half of all the oil we import. However, this important foreign exchange earner for the U.S. is increasingly being jeopardized by the actions of foreign governments, as well as our own government.

As a result of poor economic conditions overseas and increased foreign exchange problems of other countries, we have seen a large rise in barter agreements between countries. One estimate suggests that 40 percent of the world's agricultural product trade is now covered by such agreements. Thus, the open and competitive portion of the market in which U.S. agriculture competes is shrinking. The same is true for phosphates.

In addition, many foreign governments protect their local agriculture either by restricting

imports or subsidizing exports of agricultural products so they can compete in the world market. The same is true for phosphates. Obviously, these actions cause U.S. agribusiness to be at an economic disadvantage competing in the world marketplace.

The U.S. phosphate fertilizer industry exports about 40 percent of its production and it faces many of the same problems as the rest of the U.S. agribusiness. In the last few years we have seen a substantial expansion of fertilizer production capacity overseas, much of it built by governments and often financed, in part, by U.S. capital funneled through such groups as the World Bank.



**Our government should help us increase long-term overseas sales of farm products, rather than restrict production. With a little help in that direction, I believe U.S. farmers, and agribusiness in general, can compete in the world marketplace**



The recent report of the Commission on the Future of North Carolina, better known as NC 2000, made a recommendation dealing with international trade. In part it stated that we should "improve support of business and agricultural firms seeking to export their products to international markets, especially those moving through North Carolina's deep water ports."

As you know, Texasgulf is a major user of the deep water port at Morehead City. In 1983, we expect to export a record 1.3 million tons of product through that port, up 40 percent from 1982 and up from our previous record year of 1979.

I must tell you, some of this success in increasing our exports is due to our French ownership. In fact, last month, we loaded, for a French customer, the largest tonnage ever loaded on an export vessel in North Carolina and it appears to be the largest phosphate shipment made from the United States to date. That



record is being broken again this week with another shipment to France.

You can tell from all my remarks that I believe that our government should help us increase long-term, overseas sales of farm products, rather than restrict production. With a little help in that direction, I believe U.S. farmers, and agribusiness in general, can compete in the world marketplace. After all, the world really does need us!

Officials need to be encouraged to take a long-term view, and agribusiness groups, such as the North Carolina Agribusiness Council, can provide a meaningful and useful service to its members by providing such encouragement.

Such groups can constantly bring to the attention of those governmental officials responsible for shaping agribusiness policy in the U.S. and its position in the world markets that, given the chance to operate on equal terms, our industry cannot just survive but prosper and at the same time provide much of the population of the rest of the world with some of the essentials of everyday life.

These long-term policies should encourage U.S. exports of farm commodities and could include such things as the extension of foreign aid, using farm commodities rather than dollars; the guaranteeing of long-term commodity contracts; the encouragement of foreign governments not to discriminate against U.S. farm goods; in short, using federal farm programs to buy back foreign markets.

I can't help but remember the interview Wolfpack coach Jim Valvano gave after his team's tremendous win as NCAA national champion. The reporters inquired as to how his underdog team could manage such victories. His answer was "positioning." He stated all he wanted his team to do was be in a position to win and, with the proper breaks, the win could come.

We, in agribusiness, need the same approach. We need long-term policies that can put us in a 'position' to be successful, rather than accept short-term solutions that try to solve one failure after another.

Carolina Country November 1983

# If your lender thinks farm home improvements only mean rebuilding a pump house, you're borrowing at the wrong place.

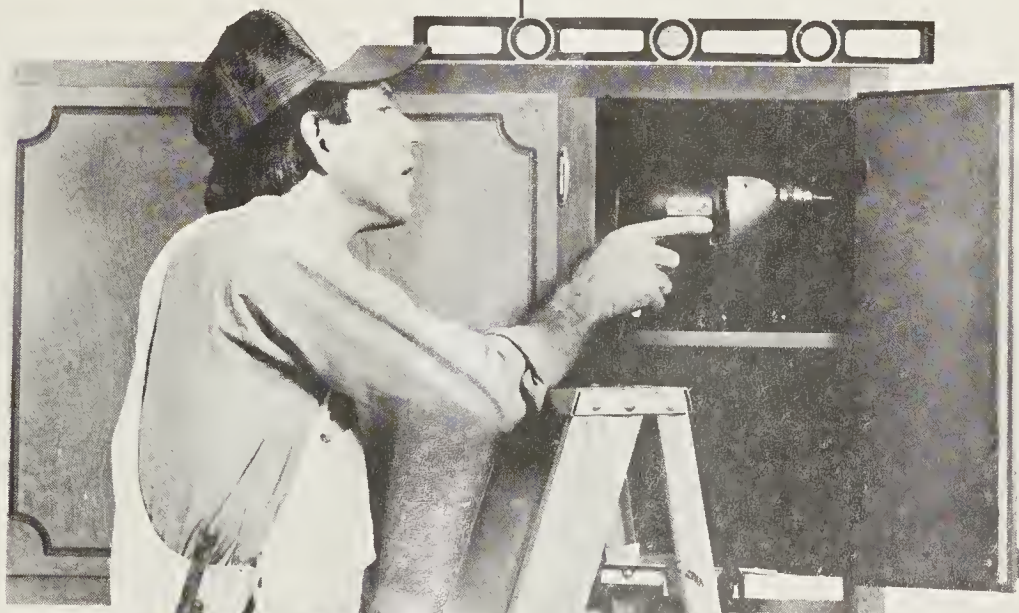
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# Thousands Sign Up For Load Control

Several thousand consumer-members of North Carolina electric cooperatives have already signed up to participate in the co-ops' statewide load control program.

After promoting the "volunteer to shave" program for only a few weeks, Electric Membership Corporations across the state are reporting good response from members, according to John Kutter, manager of power supply for the EMCs' statewide organization.

"The co-ops are doing an outstanding job of getting the message out about this load management program and the benefits it can bring for all the EMCs," he said. "The volunteers are signing up even faster than we'd anticipated."

All of the promotions call on co-op consumer-members to participate by having a switch installed at their homes to control appliances during periods of heavy demand for power throughout the EMC system.

The computer-controlled devices will turn off water heaters (of at least 30-gallon capacity), central air

conditioners and heat pumps for short periods when the peak in demand approaches.

By controlling the load in this way, the co-ops can reduce their power costs because "peaking" power carries a premium price. The high price is charged by the power companies which provide energy to the EMCs because the utilities must invest in expensive facilities that are used only to serve peak demands.

"By trimming those peaks," Kutter said, "we can effectively stretch the existing capacity further and avoid the routine use of the most expensive power. And we'll be delaying the need for building costly new generating plants."

Under the \$27 million program, the EMCs expect to install switches on 150,000 water heaters and 45,000 central air conditioners (or heat pumps) over a three-year period.

Studies have shown that the savings to be realized from load control will offset the cost of the program within the first five years of operation, Kutter pointed out.

Once the equipment is in

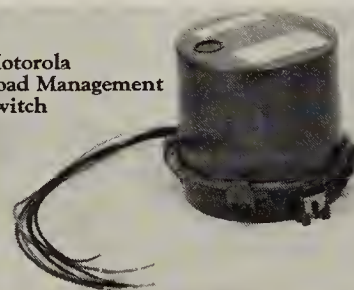
operation, computers will monitor power use and begin the controlling process as soon as a peak approaches. Radio signals will be beamed to the switches, turning off the appliances on a rotating basis until overall demand for power drops off.

Air conditioners will be turned off for up to 10 minutes each half hour during these crises, but the fans will continue to circulate air. Tests show that this will bring no significant change in the home's comfort level.

Water heaters will be turned off for up to two hours since hot water stays hot for long periods without reheating.

Plans call for the first switches to be installed beginning in early 1984.

Motorola Load Management Switch



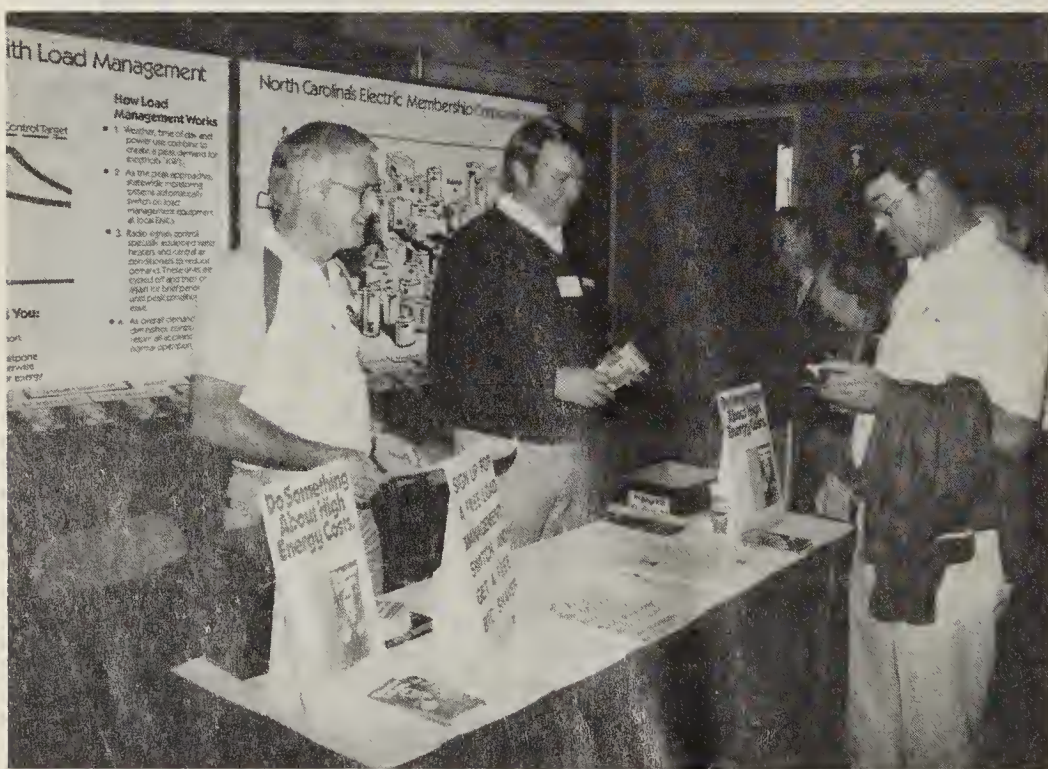
Equipment for the load control system will be provided by two companies with extensive experience in load management.

A joint proposal from Motorola, Inc., and Tejas Controls, Inc. was accepted by the board of directors of the EMCs' statewide organization.

Motorola is a multi-national corporation based in Schaumburg, Ill. Founded in 1928, it is now a diversified firm with sales surpassing \$3.5 billion in 1981. The company began offering load management systems in 1964.

Tejas Controls, based in Houston, is a wholly-owned subsidiary of Camco, Inc. The firm has been involved in the supply of automation, monitor and control equipment and software for electric utilities for the past 15 years.

For more information about how you can participate in the "volunteer to shave" program, write or call your EMC headquarters office, or fill out and return the coupon in the ad on Page 2 of this magazine.



F. B. Keith and Buddy Creed of South River EMC, Dunn, explain details of the EMCs' load management program to consumers at the co-ops' exhibit at the N.C. State Fair.



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## UNHEARD WORDS

I would like to say at this time I'm at a loss for words where my monster maul is concerned. One of your customers described it well, "Find me a place to stand and I'll split the world." One thing I never expect to read in the Sotz News is someone ordering another maul because he wore his out! I haven't had a chance to fire up my stove yet but by following your directions it was a piece of cake. In this competitive world today it's indeed a pleasure to deal with a company such as yours. Your products are exactly as stated and your prices very reasonable. As for the guarantees, they are almost unheard of elsewhere. I'm really looking forward to my new cart. There's still a lot of firewood to be moved to the pile. Keep up the good work.

Charles Abbott, Absecon, NJ

## NEIGHBORLY LESSON

I visited my neighbor last week to find his son and son-in-law struggling to lift heavy cross-sections of oak and hickory onto a tractor-powered hydraulic splitter. I pulled the Monster Maul out of the back of my pickup and went to work. After 15 minutes with aching backs, they and their 80 hp fuel-eating rig had split about 2/3 of what I and the Monster had, and I was just getting loosened up. The first question they asked was where they could buy such a maul.

Bill Dieckman, Letts, IA

## NO MORE ACHES & PAINS

I got my Monster Maul yesterday, read the instructions and put it right to work! I had been borrowing a friend's Chopper I to do the job, but being of small stature, 5'3" and 125 lbs., I would have a hard time splitting straight logs and a backache for days later! I was a little worried about the weight, but when you don't have to make a round-house swing to get the job done it really saved my back! The Monster Maul even split those knotty ones the Chopper I couldn't touch! Thank you for a fine product. You make woodsplitting a breeze.

James W. Baldwin, Bellmawr, NJ

## UNDOUBTEDLY THE BEST!

I have one of your Monster Mauls and it's the greatest splitter I have ever used. I split 3 cords of oak in 1 day; approximately 2 hours per cord. The oak was 16"x18" and the maul split it with ease in just one and two shots. Enclosed is \$15.95 for a set of your woodstove tools. I have no doubts that it will be as good a product as your monster maul. Thank you for prompt delivery. P.S. Please send me one of your up-to-date newspapers, I really enjoy reading it. Thanks.

Louis A. Colasante, Hatboro, PA

## DOCTOR REPORTS!

I recently purchased your "Monster Maul". It is gratifying to find a mail order item that is exactly as advertised. I split knotty, live oak with little difficulty. The most amazing thing to me is that compared to all the other systems, I have ever used, the Monster never gets stuck. Also, the newspaper that accompanies the maul is full of useful information. Being on the receiving end of many work-related injuries, I appreciate the emphasis on safety as well.

Ira B. Fishman, M.D., King City, CA



## A Lifelong Love Affair With Birds

I have always been a bird lover. I remember my first awareness of birds, at age three. I was standing on the back porch of our farmhouse in Stokes County. From out in the woods, I heard a most intriguing sound.

That sound—the song of the wood thrush, I later learned—so touched me that 75 years later, I can still remember it.

Many times I have driven out to some wooded spot on the edge of Forsyth County, where I live now, to listen to the thrush's beautiful song. The flutelike voice rises in four different phrases, with an interval of a few seconds between each. One phrase sounds like my wife's name: "Em-mer." Here in the South, the wood thrush's singing season lasts from mid-April through July.

My second favorite songbird is the robin, who sings from early March through July. Both he and I are early risers. I usually wake up around 4:30 or 5:00 a.m. on spring mornings to hear him singing just outside my window. I love to lie in bed listening to his lovely song.



**I've loved birds all my life. I've spent a lot of time studying them, and I've been richly rewarded**



Then there's the mockingbird, who sings—almost solely at night—the same months as the robin. I've watched several of these build a nest

in the cedar tree in our yard each year. They mimic many other birds' calls, and some other pretty unusual noises, such as a cat's meow.

My fourth favorite songbird, the yellow-breasted chat, makes odd sounds. In fact, this quaint bird might very well be the all-time comic of the bird world. His many different kinds of sounds—whistles, squawks, notes, and so on—outnumber the mockingbird's, and his actions are just as queer as his calls.



One especially odd thing about him is his acrobatics. Sometimes he ascends several feet into the air, then performs whimsical capers in his descent: he drops with flapping wings and wild gurgling. Then he settles into a thicket and continues "chatting" for hours.

As small boys, my cousins and I often hunted birds' nests in the spring. We would climb high in the "neverfail" apple trees to look at a dove's or catbird's nest. We only wanted to see the kind of nest, the color and number of eggs—never to bother the eggs.

Some nests are works of art. The robin's, for instance, is smooth and round and lined inside with horsehair. The chirping sparrow's is like it, but is usually built in shrubbery. The red-eyed vireo and orchard and Baltimore orioles build pocket-shaped nests that swing down from forked tree limbs. The yellow-shafted flicker (or woodpecker), who takes his name from the flickering noise he makes, builds a snakeskin-lined nest in the hollow of a tree.

Now the *sorriest* nest I've ever seen is that of the dove. This fine game bird, whose call is really a tuneless holler, loosely constructs his straggly nest of sticks.

We'd find partridge (or "Bob White") nests on the ground in a large clump of broomsage. A partridge hen lays 10 or 12 eggs at a time; more in one nest indicates the rare occurrence of two hens sharing a nest. Sharing a mate too: the handsome "Mr. Bob White" fancies himself a Casanova. And without the danger of becoming a "jailbird," his only embarrassment is helping the lady-birds incubate the eggs.

Years ago, I'd often see large coveys of partridges in Stokes County. Sometimes as I walked along a plantation road, the birds would fly up, and the whir of 15 or 20 pairs of little brown wings would almost scare the daylights out of me. On the other hand, I've never seen anything more darling than a brook of baby partridges, not much bigger than a person's thumb, following their mother about the woods.

I've loved birds all my life. I've spent a lot of time studying them, and I've been richly rewarded. I know the saying to be true: "Many birds are a triple asset—their color, songs, and insects they get."

—Robah C. Gentry  
King

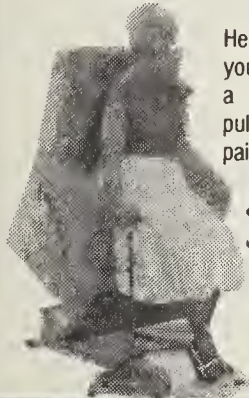




## TOWN & COUNTRY Marketplace

Appears on page 20

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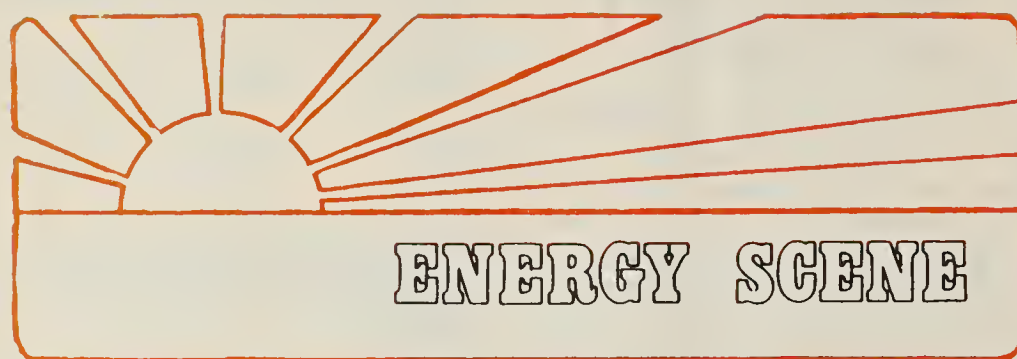
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# **"Plain English" Guide To Weatherization: A By-Product Of School's Energy Audits Project**

"It's a booklet that anyone can use whether they know anything about weatherization or not."

That comment came from Wells Eddleman, a science teacher at Carolina Fields School in Durham, as he discussed the "plain English" manual he put together explaining home weatherization and energy conservation techniques.

The booklet, which is aimed at middle- and lower-income people and those with little education, was designed to be easy to read for the average layman and is filled with handy illustrations.

Eddleman wrote the booklet when he became disillusioned about finding such a guidebook among the hundreds of publications available on the subject from government agencies, utilities and energy-related organizations.

Most of them are too technical, don't cover critical points or are simply too hard for laymen to understand, he said.

"This booklet isn't really a cookbook of energy conservation, but it can be very useful," said Eddleman, who also drew the illustrations.

The booklet is now being distributed on request by Carolina Friends School, which is served by

Piedmont Electric Membership Corporation, Hillsborough.

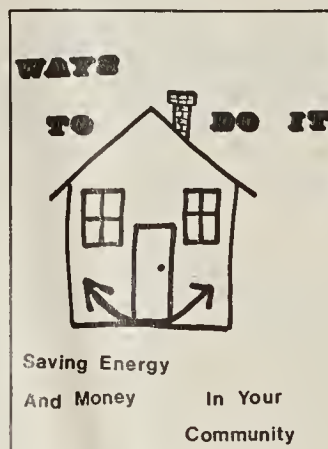
The manual was an outgrowth of an energy conservation project conducted by the school, with the guidance of Eddleman and a friend, Ray Bunnage.

The two-year project involved providing free energy audits and weatherization materials to homeowners in the community near the school.

---

**This booklet isn't really  
a cookbook of energy  
conservation, but it can  
be very useful**

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Using a \$9,965 grant from the U.S. Department of Energy and another \$8,800 in weatherization materials, the project completed audits on 67 homes and businesses and provided materials for 65 of those. In addition, the homeowners added another \$27,000 in materials, at the direction of Eddleman and Bunnage.

Students at the school volunteered to help, spending vacation time from the school to work on the project. The experience gave many of them their first close-up look at poverty as they concentrated on the most needy cases, Eddleman said.

The audits were offered to anyone in the community who wanted one—and all requests were honored.

"We tried to work with all kinds of people," Eddleman said. "We had people who were energy conservers and people who were poor and didn't know much about weatherization. The response was very good."

He said he expects the homeowners who took weatherization measures have collectively saved thousands of dollars and will realize further savings in the future.

As Eddleman and Bunnage worked on the project, they decided the only way they'd get a "plain English" manual would be to write one.

As a result, Eddleman spent some time rewriting government and industrial pamphlets and instructional materials with this mind.

Both the project and the manual-writing task were naturals for Eddleman, who came to the school seven years ago as a science teacher and a sort of resident expert on energy conservation and technical subjects.

Meanwhile, the booklet has caught the attention of officials in the Earth Studies Program at Appalachian State University in Boone, and they're actively promoting its use.

The school now has about 200 copies available and will provide them on request without charge. However, if additional copies must be printed, the school may request a fee to cover printing costs, Eddleman said.

To request a copy, write to Carolina Friends School, Rt. 1, P.O. Box 183, Durham, N.C. 27705.



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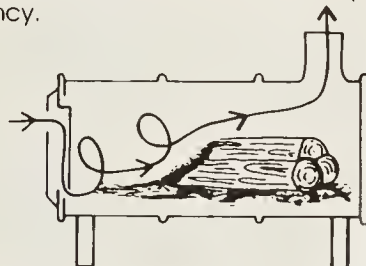
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**SPECIFICATIONS:** Door, door frame, flue collar, draft control, internal draft channel of 13 ga. steel; legs, 1/8 in. steel hinges, latch, catch of 3/16 in. steel; nuts and bolts. Top Drum; Connector flanges, pipe assembly, 4 nesting brackets, nuts and bolts.



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**\$34.92**

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Kit converts 55 gal., or 30 to 15 gal., drum (not supplied) into high capacity stoves.

You've seen our ads and read unsolicited testimonials from folks just like you for many years. Before you spend \$400 to \$500 on a wood heater, try a **SOTZ HEATER** kit. If (within one year) you don't agree it outperforms any wood heater money can buy or (within 10 years), if the kit cracks, warps or burns up, your money will be refunded, including shipping charges.

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## NO FREE CALENDAR

Enclosed you will find my check for my second 30 gal. single drum kit. I intend to use this one to heat a recently built sauna and hot tub room. I must join the many who have written you to tell of how well this outfit works. I have a 900 sq. ft. home off the Chesapeake Bay, and am exposed to winter winds which tend to drive up heating bills. Last winter, I purchased my first 30 gal. kit and placed it in my wood-heating fireplace. My total cost including pipe, paint and the kit was \$51.00 installed. It took 2½ hrs. to assemble. I placed two fans on the stone hearth. I then purchased 3 cords of slab hardwood for \$150.00 delivered. This put the total cost of heater, fans, paint, fuel, and extras at \$205. I did not burn any oil heat for the winter including the price of the burner. My old oil company called and wanted to know why I had not ordered from them. I told them that "Sotz had a better idea." This, of course, cost me my free calendar

for 1982, but I think I can afford to buy one with the money I saved. Several of the men I work with purchased kits after seeing how well mine heated and they are now Sotz fans. I have several neighbors who, although, they like the savings that they see with my heater, still do not give up burning their open fireplace. I take a secret joy in driving down the road and looking at their chimneys, each of which is constantly pouring out waves of heat. My chimney, however, just gives off a small whitish mist which keeps me watching football on Sundays when they chop more wood. Alas, all cannot be as smart as me and Sotz.

David L. Maquire, Baltimore County, MD  
**I CAN'T BELIEVE**

I got my 2 drum heater working like you said it would, I built mine with a 30 H kit, I put a 35 gal. on top of a 40 gal. ... works better than my neighbor's \$500 heater with less fuel. I have had people see this in operation they say "I can't

believe it." I am ordering a 55HDD kit today. Well pleased with this unit and can't say enough for it and your service.

Jay E. Neal, Strattanville, PA

## DIRTY WORK!

Along with my order please send 5 copies of Sotz news. All my friends are interested. I am heating a four story nearly uninsulated, completely drafty 150 year old house with a combo 2 barrel in the basement and a fireplace conversion on the 3rd floor. It works like a charm. Just installed your Sotz hot water heater - a 40 gal. range boiler next to the double barrel (I have no other hot water system). Last night I took 2 hot baths (wash and rinse... get pretty dirty doing construction) and the water was... hot. This and (no insulation on the H<sub>2</sub>O tank) (and very low fire overnight) the water was still nice and warm. Any everyone said I was crazy. Thanks for your stove and newsletter.

Mindy Melemed, Brooklyn, NY





## Post Scripts On Cookbook Section

We hope you enjoy the special section on recent North Carolina cookbooks, which starts on Page 9, for the entire magazine staff had a marvelous time putting it together.

However, we went through quite a bit of hair-tearing in trying to decide which recipes to reprint from the wealth of appetizing dishes in the five cookbooks.

Then, too, we had some frustrations in regard to other materials we just didn't have space for. We'll try to remedy that somewhat here:

- One of the cookbooks had attractive section dividers unlike any I'd ever seen before. They're in *Recipes From Our Front Porch* by Ella Jo and John Shell.

Each divider features a drawing by one of their daughters and one of John's extemporaneous blessings, which open each family-style meal at the Shells' Hemlock Inn in Bryson City.

Mrs. Shell said she had to use subterfuge to get the blessings on paper because John doesn't like being recorded while saying grace. A guest with a hidden recorder finally got them on tape and later sent a typed version back to Mrs. Shell.

Since it is Thanksgiving season, I want to share some of these fine blessings.

*Our Father, for these friends that sustain us socially; for this food that sustains us physically and for Thy saving grace that does sustain us spiritually, we give Thee thanks. Amen*

*Our Heavenly Father, how glad we are to come to Thee as this day closes and we come with thanksgiving in our hearts. We thank you for this lovely day, and for Thy mercy and continued watchcare. We thank you for good friends and answered prayers, and especially now for this food. In Jesus' name we ask it. Amen.*

*Lord, our plates are full, our friends are near, our hearts are warm, our thanks sincere. Amen.*

*Our Heavenly Father, how happy we are to pause and give Thee thanks for this lovely day and for Thy love. We are so grateful that Thou doest care for us and watch over us, and particularly that Thou does call us by our first name. Thank you for these good friends and now for this food. In Jesus' name we ask it. Amen.*

*Our dear Heavenly Father, how glad we are to start this day with Thee, and we pray that somehow Thou would help us to see that it is not what comes our way that counts, but rather what we do with what comes our way. We thank thee for Thy strength and mercy and now for this food. In Jesus' name we ask it. Amen.*

- We also wanted to mention a handful of other cookbooks that for one reason or another didn't get into the special section.

For some time now, the Women's Committee of Blue Ridge Electric Membership Corporation, Lenoir, has been selling a cookbook of recipes from the co-op's members. The 105-page softcover volume, which includes extensive kitchen information and diet guides, may be ordered from Blue Ridge EMC, Caller Service 112, Lenoir, N.C. 28645. Send \$3.50 plus 75 cents for postage and handling for each cookbook ordered.

Meanwhile, just as we were putting the cookbook section into final form, we received notice of

another new recipe collection—this one from Margaret Barringer of Raleigh, who teaches gourmet cooking classes in her home.

Titled *Nouveau Cuisine*, the book features 224 pages of original recipes, including many emphasizing low-salt preparation and calorie-reducing substitutions. My wife took one of Ms. Barringer's classes and came away very impressed with her cooking expertise.

To order a copy of this book, send \$12.39, including tax, postage and handling, to *Cuisine Nouveau*, 2623 Oberlin Road, Raleigh, N.C. 27608.

Finally, we also have a notice of another new cookbook that "other Carolina" to the south of us. It comes from Louise F. Roberts of Clemson, S.C., who says the book is a collection of 325 recipes from her family and friends.

The book is titled *Recipes Are For Sharing* because the author believes "a recipe that is not shared with others will soon be forgotten, but when it is shared it will be enjoyed by future generations."

Mrs. Roberts plans to use the book to "share" in another sense by donating a portion of the proceeds to the American Cancer Society and the American Diabetes Association. Her husband and younger son both have diabetes and her father died of cancer.

To order a copy of the book, send \$10, including postage and handling charges, to Louise F. Roberts, 100 Brookwood Drive, Clemson, S.C. 29631.


## It Says Here. . .

Did you hear about the stockbroker firm of Watchett, Peake and Dwindle? Or the ad agency named Lyon, Cheatham & Steele?

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—Owen Bishop





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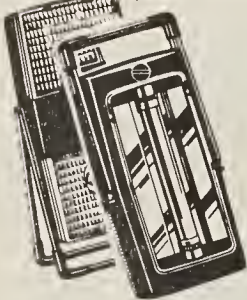
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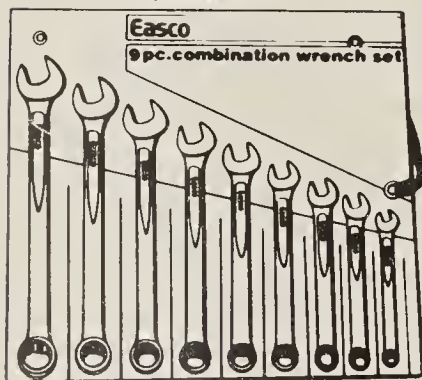
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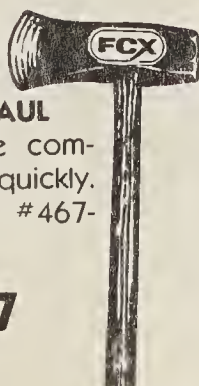
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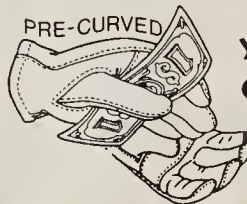
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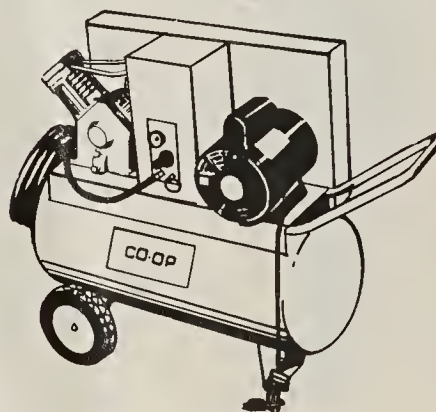
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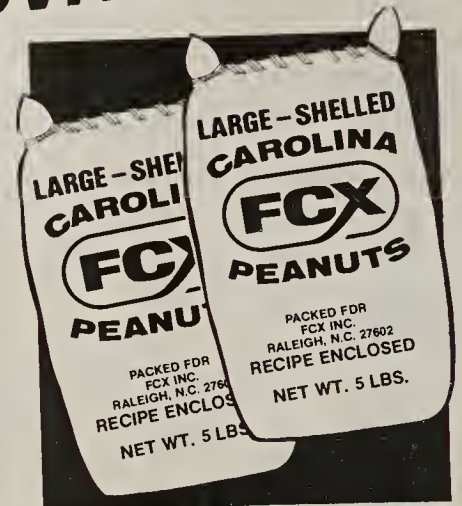
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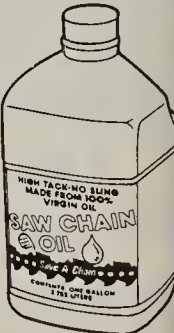
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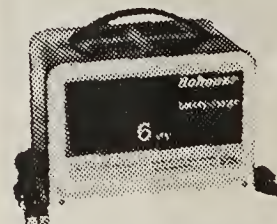
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